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1.37 aws-java-sdk 1.11.274

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*/
package com.amazonaws.services.glacier.model;

import javax.annotation.Generated;

/**
 *
*/
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public enum Permission {
    FULL_CONTROL("FULL_CONTROL"),
    WRITE("WRITE"),
    WRITE_ACP("WRITE_ACP"),
    READ("READ"),
    READ_ACP("READ_ACP");

    private String value;

    private Permission(String value) {
        this.value = value;
}
@Override
public String toString() {
return this.value;
}
/**
* Use this in place of valueOf.
*
* @param value
*
real value
* @return Permission corresponding to the value
*
* @throws IllegalArgumentException
*
If the specified value does not map to one of the known values in this enum.
*/
public static Permission fromValue(String value) {
if (value == null || "".equals(value)) {
throw new IllegalArgumentException("Value cannot be null or empty!");
}
for (Permission enumEntry : Permission.values()) {
if (enumEntry.toString().equals(value)) {
return enumEntry;
}
}
throw new IllegalArgumentException("Cannot create enum from " + value + " value!");
}
}
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package com.amazonaws.services.shield.model;

import java.io.Serializable;
import javax.annotation.Generated;
import com.amazonaws.protocol.StructuredPojo;
import com.amazonaws.protocol.ProtocolMarshaller;

/**
 * A contributor to the attack and their contribution.
 * </p>
 * @see <a href="http://docs.aws.amazon.com/goto/WebAPI/shield-2016-06-02/Contributor" target="_top">AWS API Documentation</a>
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public class Contributor implements Serializable, Cloneable, StructuredPojo {

    /**
     * The name of the contributor. This is dependent on the <code>AttackPropertyIdentifier</code>. For example, if the
     * <code>AttackPropertyIdentifier</code> is <code>SOURCE_COUNTRY</code>, the <code>Name</code> could be
     * <code>United States</code>.
     * </p>
     */
    private String name;

    /**
     * The contribution of this contributor expressed in <code>Protection</code> units. For example <code>10,000</code>.
     * </p>
     */
    private Long value;
}
/**  
* <p>  
* The name of the contributor. This is dependent on the <code>AttackPropertyIdentifier</code>. For example, if the  
* <code>AttackPropertyIdentifier</code> is <code>SOURCE_COUNTRY</code>, the <code>Name</code> could be  
* <code>United States</code>.  
* </p>  
*  
* @param name  
* The name of the contributor. This is dependent on the <code>AttackPropertyIdentifier</code>. For example,  
* if the <code>AttackPropertyIdentifier</code> is <code>SOURCE_COUNTRY</code>, the <code>Name</code> could  
* be <code>United States</code>.  
*/

public void setName(String name) {  
    this.name = name;  
}

/**  
* <p>  
* The name of the contributor. This is dependent on the <code>AttackPropertyIdentifier</code>. For example, if the  
* <code>AttackPropertyIdentifier</code> is <code>SOURCE_COUNTRY</code>, the <code>Name</code> could be  
* <code>United States</code>.  
* </p>  
*  
* @return The name of the contributor. This is dependent on the <code>AttackPropertyIdentifier</code>. For example,  
* if the <code>AttackPropertyIdentifier</code> is <code>SOURCE_COUNTRY</code>, the <code>Name</code> could  
* be <code>United States</code>.  
*/

public String getName() {  
    return this.name;  
}
* <code>United States</code>.
* </p>
* 
* @param name
* The name of the contributor. This is dependent on the <code>AttackPropertyIdentifier</code>. For example,
* if the <code>AttackPropertyIdentifier</code> is <code>SOURCE_COUNTRY</code>, the <code>Name</code> could
* be <code>United States</code>.
* @return Returns a reference to this object so that method calls can be chained together.
*/

public Contributor withName(String name) {
    setName(name);
    return this;
}

/**
 * The contribution of this contributor expressed in <a>Protection</a> units. For example <code>10,000</code>.
 */

public void setValue(Long value) {
    this.value = value;
}

/**
 * The contribution of this contributor expressed in <a>Protection</a> units. For example <code>10,000</code>.
 */

public Long getValue() {
    return this.value;
}

/**
 * The contribution of this contributor expressed in <a>Protection</a> units. For example <code>10,000</code>.
 */
* @param value
*        The contribution of this contributor expressed in `<a>Protection</a>` units. For example
* `<code>10,000</code>`
* @return Returns a reference to this object so that method calls can be chained together.
*/

public Contributor withValue(Long value) {
    setValue(value);
    return this;
}

/**
* Returns a string representation of this object; useful for testing and debugging.
* @return A string representation of this object.
* @see java.lang.Object#toString()
*/

@Override
public String toString() {
    StringBuilder sb = new StringBuilder();
    sb.append("{");
    if (getName() != null)
        sb.append("Name: ").append(getName()).append(",");
    if (getValue() != null)
        sb.append("Value: ").append(getValue());
    sb.append("}");
    return sb.toString();
}

@Override
public boolean equals(Object obj) {
    if (this == obj)
        return true;
    if (obj == null)
        return false;
    if (obj instanceof Contributor == false)
        return false;
    Contributor other = (Contributor) obj;
    if (other.getName() == null ^ this.getName() == null)
        return false;
    if (other.getName() != null && other.getName().equals(this.getName()) == false)
        return false;
    if (other.getValue() == null ^ this.getValue() == null)
        return false;
    return true;
}
return false;
if (other.getValue() != null && other.getValue().equals(this.getValue()) == false)
    return false;
return true;
}

@Override
public int hashCode() {
    final int prime = 31;
    int hashCode = 1;
    hashCode = prime * hashCode + ((getName() == null) ? 0 : getName().hashCode());
    hashCode = prime * hashCode + ((getValue() == null) ? 0 : getValue().hashCode());
    return hashCode;
}

@Override
public Contributor clone() {
    try {
        return (Contributor) super.clone();
    } catch (CloneNotSupportedException e) {
        throw new IllegalStateException("Got a CloneNotSupportedException from Object.clone() " + "even though we're Cloneable!", e);
    }
}

@com.amazonaws.annotation.SdkInternalApi
@Override
public void marshall(ProtocolMarshaller protocolMarshaller) {
    com.amazonaws.services.shield.model.transform.ContributorMarshaller.getInstance().marshall(this, protocolMarshaller);
}

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 * and limitations under the License.
 */

package com.amazonaws.services.greengrass.model;

import javax.annotation.Generated;

/**
 * Type of permissions a function could have to access a resource.
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public enum Permission {
    Ro("ro"),
    Rw("rw");

    private String value;

    private Permission(String value) {
        this.value = value;
    }

    @Override
    public String toString() {
        return this.value;
    }
}
public static Permission fromValue(String value) {  
    if (value == null || value.equals("")) {  
        throw new IllegalArgumentException("Value cannot be null or empty!");  
    }  

    for (Permission enumEntry : Permission.values()) {  
        if (enumEntry.toString().equals(value)) {  
            return enumEntry;  
        }  
    }  

    throw new IllegalArgumentException("Cannot create enum from " + value + " value!");  
}  
*/

package com.amazonaws.services.opsworks.model;  
import java.io.Serializable;  
import javax.annotation.Generated;  
import com.amazonaws.protocol.StructuredPojo;  
import com.amazonaws.protocol.ProtocolMarshaller;
/**
 * Describes stack or user permissions.
 *
 * @see <a href="http://docs.aws.amazon.com/goto/WebAPI/opsworks-2013-02-18/Permission" target="_top">AWS API Documentation</a>
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public class Permission implements Serializable, Cloneable, StructuredPojo {

/**
 * A stack ID.
 */
private String stackId;

/**
 * The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more information about
 */
private String iamUserArn;

/**
 * Whether the user can use SSH.
 */
private Boolean allowSsh;

/**
 * Whether the user can use <b>sudo</b>.
 */
private Boolean allowSudo;

/**
 * The user's permission level, which must be the following:
 */
private String deny;

}
private String level;

/**
 * @param stackId
 * A stack ID.
 */

public void setStackId(String stackId) {
    this.stackId = stackId;
}

/**
 * A stack ID.
 */
public String getStackId() {
    return this.stackId;
}

/**
 * A stack ID.
 */

public Permission withStackId(String stackId) {
    setStackId(stackId);
    return this;
}

/**
 * The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more information about
 */

public void setIamUserArn(String iamUserArn) {
    this.iamUserArn = iamUserArn;
}

/**
 * The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more information about
 */
public String getIamUserArn() {
    return this.iamUserArn;
}

/**
 * The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more information about IAM ARNs, see <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/Using_Identifiers.html">Using Identifiers</a>.
 */

public Permission withIamUserArn(String iamUserArn) {
    setIamUserArn(iamUserArn);
    return this;
}

/**
 * Whether the user can use SSH.
 */

public void setAllowSsh(Boolean allowSsh) {
    this.allowSsh = allowSsh;
}
public Boolean getAllowSsh() { 
    return this.allowSsh;
}

/**
* Whether the user can use SSH.
* 
* @return Whether the user can use SSH.
*/

public Permission withAllowSsh(Boolean allowSsh) {
    setAllowSsh(allowSsh);
    return this;
}

/**
* Whether the user can use SSH.
* 
* @param allowSsh Whether the user can use SSH.
* @return Returns a reference to this object so that method calls can be chained together.
*/

public Boolean isAllowSsh() { 
    return this.allowSsh;
}

/**
* Whether the user can use <b>sudo</b>.
* 
* @param allowSudo Whether the user can use <b>sudo</b>.
* @return Whether the user can use <b>sudo</b>.
*/

public void setAllowSudo(Boolean allowSudo) {
this.allowSudo = allowSudo;
}

/**
 * <p>
 * Whether the user can use <b>sudo</b>.
 * </p>
 *
 * @return Whether the user can use <b>sudo</b>.
 */

public Boolean getAllowSudo() {
    return this.allowSudo;
}

public Permission withAllowSudo(Boolean allowSudo) {
    setAllowSudo(allowSudo);
    return this;
}

/**
 * <p>
 * Whether the user can use <b>sudo</b>.
 * </p>
 *
 * @param allowSudo
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public Boolean isAllowSudo() {
    return this.allowSudo;
}

/**
 * <p>
 * The user's permission level, which must be the following:
 * </p>
 *
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public Boolean isAllowSudo() {
    return this.allowSudo;
}
<p>For more information on the permissions associated with these levels, see &lt;a href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User Permissions</a&gt;</p>

@param level

The user's permission level, which must be the following:</p>

<ul>
<li><p><code>deny</code></p></li>
<li><p><code>show</code></p></li>
<li><p><code>deploy</code></p></li>
<li><p><code>manage</code></p></li>
<li><p><code>iam_only</code></p></li>
</ul>
public void setLevel(String level) {
    this.level = level;
}

/**
 * The user's permission level, which must be the following:
 * 
 * <ul>
 * <li><code>deny</code></li>
 * <li><code>show</code></li>
 * <li><code>deploy</code></li>
 * <li><code>manage</code></li>
 * </ul>
 * For more information on the permissions associated with these levels, see <a href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User Permissions</a>
 */
For more information on the permissions associated with these levels, see <a href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User Permissions</a>.

@returns The user's permission level, which must be the following:

- `deny`
- `show`
- `deploy`
- `manage`
- `iam_only`

For more information on the permissions associated with these levels, see <a href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User Permissions</a>.

```java
public String getLevel() {
```
return this.level;
}

/**
 * <p>
 * The user's permission level, which must be the following:
 * </p>
 * <ul>
 * <li>
 * <p>
 * <code>deny</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>show</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>deploy</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>manage</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>iam_only</code>
 * </p>
 * </li>
 * </ul>
 * <p>
 * For more information on the permissions associated with these levels, see <a href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User Permissions</a>
 * </p>
 * @param level
 *        The user's permission level, which must be the following:
 *        <ul>
 *        <li>
 *        <p>
 *        <code>deny</code>
 *        </p>
 *        </li>
* <li>
* <p>
*  <code>show</code>
*  </p>
*  </li>
*  <li>
*  <p>
*  <code>deploy</code>
*  </p>
*  </li>
*  <li>
*  <p>
*  <code>manage</code>
*  </p>
*  </li>
*  <li>
*  <p>
*  <code>iam_only</code>
*  </p>
*  </li>
*  </ul>
*  
*  For more information on the permissions associated with these levels, see <a href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User Permissions</a>
*  
*  @return Returns a reference to this object so that method calls can be chained together.
*  
*/

public Permission withLevel(String level) {
    setLevel(level);
    return this;
}

/**
* Returns a string representation of this object; useful for testing and debugging.
*
* @return A string representation of this object.
*
* @see java.lang.Object#toString()
*/
@Override
public String toString() {
    StringBuilder sb = new StringBuilder();
    sb.append("{");
    if (getStackId() != null)
        sb.append("StackId: ").append(getStackId()).append(",");
    if (getIamUserArn() != null)
sb.append("IamUserArn: ").append(getIamUserArn()).append(",");
if (getAllowSsh() != null)
    sb.append("AllowSsh: ").append(getAllowSsh()).append(",");
if (getAllowSudo() != null)
    sb.append("AllowSudo: ").append(getAllowSudo()).append(",");
if (getLevel() != null)
    sb.append("Level: ").append(getLevel());
sb.append("}");
return sb.toString();
}

@override
public boolean equals(Object obj) {
    if (this == obj)
        return true;
    if (obj == null)
        return false;
    if (obj instanceof Permission == false)
        return false;
    Permission other = (Permission) obj;
    if (other.getStackId() == null ^ this.getStackId() == null)
        return false;
    if (other.getStackId() != null && other.getStackId().equals(this.getStackId()) == false)
        return false;
    if (other.getIamUserArn() == null ^ this.getIamUserArn() == null)
        return false;
    if (other.getIamUserArn() != null && other.getIamUserArn().equals(this.getIamUserArn()) == false)
        return false;
    if (other.getAllowSsh() == null ^ this.getAllowSsh() == null)
        return false;
    if (other.getAllowSsh() != null && other.getAllowSsh().equals(this.getAllowSsh()) == false)
        return false;
    if (other.getAllowSudo() == null ^ this.getAllowSudo() == null)
        return false;
    if (other.getAllowSudo() != null && other.getAllowSudo().equals(this.getAllowSudo()) == false)
        return false;
    if (other.getLevel() == null ^ this.getLevel() == null)
        return false;
    if (other.getLevel() != null && other.getLevel().equals(this.getLevel()) == false)
        return false;
    return true;
}

@override
public int hashCode() {
    final int prime = 31;
    int hashCode = 1;
    /* Add hash code values for each field. */
    /* This method is called by Object.hashCode(). */
    /* It is not correct to use the primitive value of each field. */
    /* They are used only to generate the hash code. */
    /* Instead, use the String representation of each field. */
    /* This method is called by Object.equals(). */
    /* It is not correct to use the primitive value of each field. */
    /* They are used only to determine equality. */
    /* Instead, use the String representation of each field. */
    /* Do not return the hash code directly. */
    /* This is a violation of the equals() and hashCode() contract. */
    /* Return the hash code of the object. */
    return hashCode;
}
hashCode = prime * hashCode + ((getStackId() == null) ? 0 : getStackId().hashCode());
hashCode = prime * hashCode + ((getIamUserArn() == null) ? 0 : getIamUserArn().hashCode());
hashCode = prime * hashCode + ((getAllowSsh() == null) ? 0 : getAllowSsh().hashCode());
hashCode = prime * hashCode + ((getAllowSudo() == null) ? 0 : getAllowSudo().hashCode());
hashCode = prime * hashCode + ((getLevel() == null) ? 0 : getLevel().hashCode());
return hashCode;

@Override
public Permission clone() {
    try {
        return (Permission) super.clone();
    } catch (CloneNotSupportedException e) {
        throw new IllegalStateException("Got a CloneNotSupportedException from Object.clone() "+ "even though we're Cloneable!", e);
    }
}

@com.amazonaws.annotation.SdkInternalApi
@Override
public void marshall(ProtocolMarshaller protocolMarshaller) {
    com.amazonaws.services.opsworks.model.transform.PermissionMarshaller.getInstance().marshall(this, protocolMarshaller);
}

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 * permissions and limitations under the License.
 */
package com.amazonaws.services.s3.model;

/**
 * Specifies constants defining an access permission,
 * as granted to grantees in an
 * [AccessControlList]. Only a limited set of permission are available;
 * each one is represented as a value in this enumeration.
 */
public enum Permission {

/**
 * Provides READ, WRITE, READ_ACP, and WRITE_ACP permissions.
 * <p>
 * It does not convey additional rights and is provided only for
 * convenience.
 * </p>
 */
 FullControl("FULL_CONTROL", "x-amz-grant-full-control"),

/**
 * Grants permission to list the bucket when applied to a bucket.
 * Grants permission to read object data
 * and/or metadata when applied to an object.
 */
 Read("READ", "x-amz-grant-read"),

/**
 * Grants permission to create, overwrite, and
 * delete any objects in the bucket.
 * <p>
 * This permission is not supported for objects.
 * </p>
 */
 Write("WRITE", "x-amz-grant-write"),

/**
 * Grants permission to read the ACL for the applicable bucket or object.
 * <p>
 * The owner of a bucket or object always implicitly has this permission.
 * </p>
 */
 ReadAcp("READ_ACP", "x-amz-grant-read-acp"),

/**
 * Gives permission to overwrite the ACP for the applicable bucket or
 * object.
 * <p>
 * The owner of a bucket or object always has this permission implicitly.
 * </p>
 * <p>
 * Granting this permission is equivalent to granting <code>FULL_CONTROL</code>because
 * the grant recipient can make any changes to the ACP.
 * </p>
 */
 WriteAcp("WRITE_ACP", "x-amz-grant-write-acp");
private String permissionString;
private String headerName;

private Permission(String permissionString, String headerName) {
    this.permissionString = permissionString;
    this.headerName = headerName;
}

/**
 * Returns the name of the header used to grant this permission.
 */
public String getHeaderName() {
    return headerName;
}

/**
 * Gets the string representation of this permission object as defined by
 * Amazon S3, eg. <code>FULL_CONTROL</code>.
 *
 * @return The string representation of this permission object as defined by
 *         Amazon S3, eg. <code>FULL_CONTROL</code>.
 */
public String toString() {
    return permissionString;
}

/**
 * Returns the {@link Permission} enumeration value representing the specified Amazon
 * S3 Region ID string. If specified string doesn't map to a known Amazon S3
 * Region, returns <code>null</code>
 *
 * @param str
 *        A string representation of an Amazon S3 permission, eg. <code>FULL_CONTROL</code>
 *
 * @return The {@link Permission} object represented by the given permission string,
 *         Returns <code>null</code> if the string isn't a valid representation
 *         of an Amazon S3
 *         permission.
 */
public static Permission parsePermission(String str) {
    for (Permission permission : Permission.values()) {
        if (permission.permissionString.equals(str)) {
            return permission;
        }
    }
    return null;
}
import java.io.Serializable;
import javax.annotation.Generated;
import com.amazonaws.protocol.StructuredPojo;
import com.amazonaws.protocol.ProtocolMarshaller;

/**
 * The <code>Permission</code> structure.
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public class Permission implements Serializable, Cloneable, StructuredPojo {

/**
 * The type of value that appears in the Grantee object:
 * <ul>
 * <li><p>The <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for an Amazon CloudFront distribution.</p>
 * </li>
 * <li><p>A canonical user ID is not the same as an AWS account number.</p>
 * </li>
 * </ul>
 */
}
private String granteeType;
/**
 * The AWS user or group that you want to have access to transcoded files and playlists. To identify the user or
 * group, you can specify the canonical user ID for an AWS account, an origin access identity for a CloudFront
 * distribution, the registered email address of an AWS account, or a predefined Amazon S3 group.
 */
private String grantee;
/**
 * The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
 * <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
 * Transcoder adds to the Amazon S3 bucket.
 * <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds to
 * Amazon S3 bucket.
 * <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to
 * Amazon S3 bucket.
* <li>
  * <p>
  * <code>FULL_CONTROL</code>: The grantee has <code>READ</code>, <code>READ_ACP</code>, and <code>WRITE_ACP</code> permissions for the thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
  * </p>
  *</li>

private com.amazonaws.internal.SdkInternalList<String> access;

/**
 * The type of value that appears in the Grantee object:
 * <ul>
 * <li>
 * <p>
 * <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for an Amazon CloudFront distribution.
 * </p>
 * </li>
 * <li>
 * <p>
 * <important>
 * <p>
 * A canonical user ID is not the same as an AWS account number.
 * </p>
 * </important></li>
 * <li>
 * <p>
 * <code>Email</code>: The registered email address of an AWS account.
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>, <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>.
 * </p>
 * </li>
 * </ul>
 * @param granteeType
 * The type of value that appears in the Grantee object:
 * <ul>
 * <li>
 * <p>
 * <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for an Amazon CloudFront distribution.
 * </p>
 * </li>
 * <important>
<p>A canonical user ID is not the same as an AWS account number.</p>

```java
public void setGranteeType(String granteeType) {
    this.granteeType = granteeType;
}
```

/*
 * The type of value that appears in the Grantee object:
 * </p>
 * </ul>
 * </li>
 * </p>
 * </code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for an
 * Amazon CloudFront distribution.
 * </p>
 * </important>
 * </p>
 * A canonical user ID is not the same as an AWS account number.
 * </p>
 */

```
public String getGranteeType() {
    return this.granteeType;
}

/**
 * The type of value that appears in the Grantee object:
 */

* @return The type of value that appears in the Grantee object:
*         <ul>
*         <li>
*         <p>
*         <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for
*             an Amazon CloudFront distribution.
*         </p>
*         <important>
*         </p>
*         A canonical user ID is not the same as an AWS account number.
*         </p>
*         </important></li>
*         <li>
*         <p>
*         <code>Email</code>: The registered email address of an AWS account.
*         </p>
*         </li>
*         <li>
*         <p>
*         <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>,
*             <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>.
*         </p>
*         </li>
*         
*/
* </li> 
* <li> 
* <p> 
* <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>, <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>. 
* </p> 
* </li> 
* </ul> 
* 
* @param granteeType 
* The type of value that appears in the Grantee object: </p> 
* </li> 
* <li> 
* <p> 
* <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for an Amazon CloudFront distribution. 
* </p> 
* </li> 
* <important> 
* <p> 
* A canonical user ID is not the same as an AWS account number. 
* </p> 
* </important> 
* </li> 
* <li> 
* <p> 
* <code>Email</code>: The registered email address of an AWS account. 
* </p> 
* </li> 
* <li> 
* <p> 
* <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>, <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>. 
* </p> 
* </li> 
* </li> 
* @return Returns a reference to this object so that method calls can be chained together. */

    public Permission withGranteeType(String granteeType) { 
        setGranteeType(granteeType); 
        return this; 
    } 

    /** 
    * The AWS user or group that you want to have access to transcoded files and playlists. To identify the user or group, you can specify the canonical user ID for an AWS account, an origin access identity for a CloudFront distribution, the registered email address of an AWS account, or a predefined Amazon S3 group. 
    * </p>
* @param grantee
*    The AWS user or group that you want to have access to transcoded files and playlists. To identify the user
*    or group, you can specify the canonical user ID for an AWS account, an origin access identity for a
*    CloudFront distribution, the registered email address of an AWS account, or a predefined Amazon S3
* group.
*/

public void setGrantee(String grantee) {
    this.grantee = grantee;
}

/**
 * The AWS user or group that you want to have access to transcoded files and playlists. To identify the user or
 * group, you can specify the canonical user ID for an AWS account, an origin access identity for a CloudFront
 * distribution, the registered email address of an AWS account, or a predefined Amazon S3 group.
 * <p>
 * @return The AWS user or group that you want to have access to transcoded files and playlists. To identify the
 *         user or group, you can specify the canonical user ID for an AWS account, an origin access identity for a
 *         CloudFront distribution, the registered email address of an AWS account, or a predefined Amazon S3 group.
 * @param grantee
 *        The AWS user or group that you want to have access to transcoded files and playlists. To identify the user
 *        or group, you can specify the canonical user ID for an AWS account, an origin access identity for a
 *        CloudFront distribution, the registered email address of an AWS account, or a predefined Amazon S3
 * group.
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public String getGrantee() {
    return this.grantee;
}

/**
 * The AWS user or group that you want to have access to transcoded files and playlists. To identify the user or
 * group, you can specify the canonical user ID for an AWS account, an origin access identity for a CloudFront
 * distribution, the registered email address of an AWS account, or a predefined Amazon S3 group.
 * <p>
 * @param grantee
 *        The AWS user or group that you want to have access to transcoded files and playlists. To identify the user
 *        or group, you can specify the canonical user ID for an AWS account, an origin access identity for a
 *        CloudFront distribution, the registered email address of an AWS account, or a predefined Amazon S3
 * group.
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public Permission withGrantee(String grantee) {
    setGrantee(grantee);
    return this;
}
/**
 * <p>The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
 * </p>
 * <ul>
 * <li>
 * <p><code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
 * Transcoder adds to the Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p><code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds
 * to the Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p><code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to
 * the Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p><code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for the
 * thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
 * </p>
 * </li>
 * </ul>
 *
 * @return The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
 * <ul>
 * <li>
 * <p><code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
 * Transcoder adds to the Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p><code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder
 * adds to the Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p><code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder
 * adds to the Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p><code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for the
 * thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
 * </p>
 * </li>
 * </ul>
* the Amazon S3 bucket.
* </p>
* </li>
* </p>
* <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to
* the Amazon S3 bucket.
* </p>
* </li>
* </p>
* <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for the thumbnails
* that Elastic Transcoder adds to the Amazon S3 bucket.
* </p>
* </li>
*/

public java.util.List<String> getAccess() {
if (access == null) {
    access = new com.amazonaws.internal.SdkInternalList<String>();
}
    return access;
}

/**
* The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
* </p>
* </ul>
* </p>
* </li>
* </p>
* <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
Transcoder adds
* to the Amazon S3 bucket.
* </p>
* </li>
* </p>
* </li>
* </p>
* <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds
to the
* Amazon S3 bucket.
* </p>
* </li>
* </p>
* </p>
* <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
* </p>
* </li>
* </ul>
*
* \<param access\>
* The permission that you want to give to the AWS user that is listed in Grantee. Valid values include: </p>
* </ul>
* </li>
* </p>
* </li>
* </ul>
* </code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
* </p>
* </li>
* </ul>
* </code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
* </p>
* </li>
* </ul>
* </code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
* </p>
* </li>
* </ul>
* </code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for the thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
* </p>
* </li>
* </ul>
*/

```java
public void setAccess(java.util.Collection<String> access) {

```
if (access == null) {
    this.access = null;
    return;
}

this.access = new com.amazonaws.internal.SdkInternalList<String>(access);
}

/**
 * <p>The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
 * </p>
 * <ul>
 * <li>
 * <p><code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic Transcoder adds
 * to the Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p><code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds to the
 * Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p><code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to the
 * Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p><code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for the thumbnails that
 * Elastic Transcoder adds to the Amazon S3 bucket.
 * </p>
 * </li>
 * </ul>
 * <p><b>NOTE:</b> This method appends the values to the existing list (if any). Use
 * { @link #setAccess(java.util.Collection)) or {@link #withAccess(java.util.Collection)) if you want to override the
 * existing values.
 * </p>
* @param access
*        The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
*        <ul>
*        <li>
*        <p>
*        <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic Transcoder
*        adds to the Amazon S3 bucket.
*        </p>
*        </li>
*        <li>
*        <p>
*        <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder
*        adds to the Amazon S3 bucket.
*        </p>
*        </li>
*        <li>
*        <p>
*        <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder
*        adds to the Amazon S3 bucket.
*        </p>
*        </li>
*        <li>
*        <p>
*        <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions
*        for the thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
*        </p>
*        </li>
*     </ul>
* @return Returns a reference to this object so that method calls can be chained together.
*/

public Permission withAccess(String... access) {
    if (this.access == null) {
        setAccess(new com.amazonaws.internal.SdkInternalList<String>(access.length));
    }
    for (String ele : access) {
        this.access.add(ele);
    }
    return this;
}

/**
* The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
<code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.

<code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.

<code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.

<code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for the thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.

@param access

The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:

<code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.

<code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.

<code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to the Amazon S3 bucket.
*
</li>
*
<li>
*
<p>
*
<code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder
adds to
*
the Amazon S3 bucket.
*
</p>
*
</li>
*
<li>
*
<p>
*
<code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions
for the thumbnails
*
that Elastic Transcoder adds to the Amazon S3 bucket.
*
</p>
*
</li>
* @return Returns a reference to this object so that method calls can be chained together.
*/
public Permission withAccess(java.util.Collection<String> access) {
setAccess(access);
return this;
}
/**
* Returns a string representation of this object; useful for testing and debugging.
*
* @return A string representation of this object.
*
* @see java.lang.Object#toString()
*/
@Override
public String toString() {
StringBuilder sb = new StringBuilder();
sb.append("{");
if (getGranteeType() != null)
sb.append("GranteeType: ").append(getGranteeType()).append(",");
if (getGrantee() != null)
sb.append("Grantee: ").append(getGrantee()).append(",");
if (getAccess() != null)
sb.append("Access: ").append(getAccess());
sb.append("}");
return sb.toString();
}
@Override
public boolean equals(Object obj) {
if (this == obj)
return true;

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if (obj == null)
    return false;

if (obj instanceof Permission == false)
    return false;
Permission other = (Permission) obj;
if (other.getGranteeType() == null ^ this.getGranteeType() == null)
    return false;
if (other.getGranteeType() != null && other.getGranteeType().equals(this.getGranteeType()) == false)
    return false;
if (other.getGrantee() == null ^ this.getGrantee() == null)
    return false;
if (other.getGrantee() != null && other.getGrantee().equals(this.getGrantee()) == false)
    return false;
if (other.getAccess() == null ^ this.getAccess() == null)
    return false;
if (other.getAccess() != null && other.getAccess().equals(this.getAccess()) == false)
    return false;
return true;
}

@Override
public int hashCode() {
    final int prime = 31;
    int hashCode = 1;
    hashCode = prime * hashCode + ((getGranteeType() == null) ? 0 : getGranteeType().hashCode());
    hashCode = prime * hashCode + ((getGrantee() == null) ? 0 : getGrantee().hashCode());
    hashCode = prime * hashCode + ((getAccess() == null) ? 0 : getAccess().hashCode());
    return hashCode;
}

@Override
public Permission clone() {
    try {
        return (Permission) super.clone();
    } catch (CloneNotSupportedException e) {
        throw new IllegalStateException("Got a CloneNotSupportedException from Object.clone() " + "even though we're Cloneable!", e);
    }
}

@com.amazonaws.annotation.SdkInternalApi
@Override
public void marshall(ProtocolMarshaller protocolMarshaller) {
    com.amazonaws.services.elastictranscoder.model.transform.PermissionMarshaller.getInstance().marshall(this, protocolMarshaller);
}
1.38 azure 0.9.0
1.38.1 Available under license:
   Apache License 2.0

1.39 Azure Java SDK 1.2.1
1.39.1 Available under license:
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1.40 azure-annotations 1.2.0

1.41 azure-client-authentication 1.1.0

1.42 azure-client-runtime 1.1.0
1.43 azure-keyvault-core 0.8.0

1.44 azure-storage 5.2.0

1.45 azure-storage-4.0.0 4.0.0

1.46 batik-css 1.8

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</ul>

<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
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 <ul class="dropdown-menu" role="menu">
  <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
  <li><a href="/foundation/contributing.html">Donations</a></li>
  <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
  <li><a href="/foundation/thanks.html">Thanks</a></li>
 </ul>
</li>
</ul>
</div>
</nav>
</header>
<!-- / Navigation -->
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<div class="row">
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</div>
<div class="col-md-3 col-sm-3 col-xs-6">
<a href="http://apache.org/foundation/contributing.html" title="Support Apache">
 <img src="/images/SupportApache-small.png" style="height: 150px; width: 150px; margin-top: 5px; margin-bottom: 5px;">
</a>
</div>
<div class="col-md-3 col-sm-4 col-xs-6">
<div class="input-group" style="margin-bottom: 5px;">
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 var gcse = document.createElement('script');
 gcse.type = 'text/javascript';
 gcse.async = true;
 var s = document.getElementsByTagName('script')[0];
 s.parentNode.insertBefore(gcse, s);
})();
</script>
<gcse:searchbox-only></gcse:searchbox-only>
</div>
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import java.io.IOException;
import java.io.InputStream;

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 * Marker interface for OutputStreams that can directly support
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 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
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AppleJavaExtensions
v 1.2


This is a pluggable jar of stub classes representing the new Apple
eAWT and eIO APIs for Java 1.4 on Mac OS X. The purpose of these
stubs is to allow for compilation of eAWT- or eIO-referencing code on
platforms other than Mac OS X. These stubs are not intended for the
runtime classpath on non-Mac platforms. Please see the OSXAdapter
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1.124 geoapi 3.0.0

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3.2.2

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1.129 google-api-services-drive-v2-rev113-1.17.0-rc 1.17.0-rc

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 * (build: 1969-12-31 23:59:59 UTC)
 * on 2017-02-09 at 23:55:25 UTC
 * Modify at your own risk.
 */

package com.google.api.services.drive.model;

/**
 * A permission for a file.
 *
 * <p>This is the Java data model class that specifies how to parse/serialize into the JSON that is
 * transmitted over HTTP when working with the Drive API. For a detailed explanation see:
 * </p>
 *
 * @author Google, Inc.
 */
@SuppressWarnings("javadoc")
public final class Permission extends com.google.api.client.json.GenericJson {

/**
 * Additional roles for this user. Only commenter is currently allowed.
 * The value may be { @code null}.
 */
@com.google.api.client.util.Key
private java.util.List<java.lang.String> additionalRoles;

/**
 * The authkey parameter required for this permission.
 * The value may be { @code null}.
 */
@com.google.api.client.util.Key
private java.lang.String authKey;

/**
 * The domain name of the entity this permission refers to. This is an output-only field which is
 * present when the permission type is user, group or domain.
 * The value may be { @code null}.
 */
@com.google.api.client.util.Key
private java.lang.String domain;

/**
 * The email address of the user or group this permission refers to. This is an output-only field
 * which is present when the permission type is user or group.
 * The value may be { @code null}.
 */
@com.google.api.client.util.Key
private java.lang.String emailAddress;

/**
 * The ETag of the permission.
 * The value may be { @code null}.
 */
@com.google.api.client.util.Key
private java.lang.String etag;

/**
 * The time at which this permission will expire (RFC 3339 date-time).
 * The value may be { @code null}.
 */
@com.google.api.client.util.Key
private com.google.api.client.util.DateTime expirationDate;

/**
 * The ID of the user this permission refers to, and identical to the permissionId in the About

and Files resources. When making a drive.permissions.insert request, exactly one of the id or value fields must be specified unless the permission type is anyone, in which case both id and value are ignored.

* The value may be {@code null}.

*/
@com.google.api.client.util.Key
private java.lang.String id;

/**
 * This is always drive#permission.
 * The value may be {@code null}.
 */
@com.google.api.client.util.Key
private java.lang.String kind;

/**
 * The name for this permission.
 * The value may be {@code null}.
 */
@com.google.api.client.util.Key
private java.lang.String name;

/**
 * A link to the profile photo, if available.
 * The value may be {@code null}.
 */
@com.google.api.client.util.Key
private java.lang.String photoLink;

/**
 * The primary role for this user. Allowed values are: - owner - reader - writer
 * The value may be {@code null}.
 */
@com.google.api.client.util.Key
private java.lang.String role;

/**
 * A link back to this permission.
 * The value may be {@code null}.
 */
@com.google.api.client.util.Key
private java.lang.String selfLink;

/**
 * The account type. Allowed values are: - user - group - domain - anyone
 * The value may be {@code null}.
 */
@com.google.api.client.util.Key
private java.lang.String type;

/**
 * The email address or domain name for the entity. This is used during inserts and is not
 * populated in responses. When making a drive.permissions.insert request, exactly one of the id
 * or value fields must be specified unless the permission type is anyone, in which case both id
 * and value are ignored.
 * The value may be {@code null}.
 */
@com.google.api.client.util.Key
private java.lang.String value;

/**
 * Whether the link is required for this permission.
 * The value may be {@code null}.
 */
@com.google.api.client.util.Key
private java.lang.Boolean withLink;

/**
 * Additional roles for this user. Only commenter is currently allowed.
 * @return value or {@code null} for none
 */
public java.util.List<java.lang.String> getAdditionalRoles() {
    return additionalRoles;
}

/**
 * Additional roles for this user. Only commenter is currently allowed.
 * @param additionalRoles additionalRoles or {@code null} for none
 */
public Permission setAdditionalRoles(java.util.List<java.lang.String> additionalRoles) {
    this.additionalRoles = additionalRoles;
    return this;
}

/**
 * The authkey parameter required for this permission.
 * @return value or {@code null} for none
 */
public java.lang.String getAuthKey() {
    return authKey;
}

/**
 * The authkey parameter required for this permission.
 * @param authKey authKey or {@code null} for none
 */
public Permission setAuthKey(java.lang.String authKey) {
    this.authKey = authKey;
    return this;
}

/**
 * The domain name of the entity this permission refers to. This is an output-only field which is
 * present when the permission type is user, group or domain.
 * @return value or {@code null} for none
 */
public java.lang.String getDomain() {
    return domain;
}

/**
 * The domain name of the entity this permission refers to. This is an output-only field which is
 * present when the permission type is user, group or domain.
 * @param domain domain or {@code null} for none
 */
public Permission setDomain(java.lang.String domain) {
    this.domain = domain;
    return this;
}

/**
 * The email address of the user or group this permission refers to. This is an output-only field
 * which is present when the permission type is user or group.
 * @return value or {@code null} for none
 */
public java.lang.String getEmailAddress() {
    return emailAddress;
}

/**
 * The email address of the user or group this permission refers to. This is an output-only field
 * which is present when the permission type is user or group.
 * @param emailAddress emailAddress or {@code null} for none
 */
public Permission setEmailAddress(java.lang.String emailAddress) {
    this.emailAddress = emailAddress;
    return this;
}

/**
 * The ETag of the permission.
 * @return value or {@code null} for none
 */
public java.lang.String getEtag() {

/**
 * The ETag of the permission.
 * @param etag etag or {@code null} for none
 */
public Permission setEtag(java.lang.String etag) {
    this.etag = etag;
    return this;
}

/**
 * The time at which this permission will expire (RFC 3339 date-time).
 * @return value or {@code null} for none
 */
public com.google.api.client.util.DateTime getExpirationDate() {
    return expirationDate;
}

/**
 * The time at which this permission will expire (RFC 3339 date-time).
 * @param expirationDate expirationDate or {@code null} for none
 */
public Permission setExpirationDate(com.google.api.client.util.DateTime expirationDate) {
    this.expirationDate = expirationDate;
    return this;
}

/**
 * The ID of the user this permission refers to, and identical to the permissionId in the About
 * and Files resources. When making a drive.permissions.insert request, exactly one of the id or
 * value fields must be specified unless the permission type is anyone, in which case both id and
 * value are ignored.
 * @return value or {@code null} for none
 */
public java.lang.String getId() {
    return id;
}

/**
 * The ID of the user this permission refers to, and identical to the permissionId in the About
 * and Files resources. When making a drive.permissions.insert request, exactly one of the id or
 * value fields must be specified unless the permission type is anyone, in which case both id and
 * value are ignored.
 * @param id id or {@code null} for none
 */
public Permission setId(java.lang.String id) {
    return etag;
}
```java
this.id = id;
return this;
}

/**
 * This is always drive#permission.
 * @return value or { @code null} for none
 */
public java.lang.String getKind() {
    return kind;
}

/**
 * This is always drive#permission.
 * @param kind kind or { @code null} for none
 */
public Permission setKind(java.lang.String kind) {
    this.kind = kind;
    return this;
}

/**
 * The name for this permission.
 * @return value or { @code null} for none
 */
public java.lang.String getName() {
    return name;
}

/**
 * The name for this permission.
 * @param name name or { @code null} for none
 */
public Permission setName(java.lang.String name) {
    this.name = name;
    return this;
}

/**
 * A link to the profile photo, if available.
 * @return value or { @code null} for none
 */
public java.lang.String getPhotoLink() {
    return photoLink;
}

/**
 * A link to the profile photo, if available.
 */
```
* @param photoLink photoLink or { @code null } for none
*/
public Permission setPhotoLink(java.lang.String photoLink) {
    this.photoLink = photoLink;
    return this;
}

/**
* The primary role for this user. Allowed values are: - owner - reader - writer
* @return value or { @code null } for none
*/
public java.lang.String getRole() {
    return role;
}

/**
* The primary role for this user. Allowed values are: - owner - reader - writer
* @param role role or { @code null } for none
*/
public Permission setRole(java.lang.String role) {
    this.role = role;
    return this;
}

/**
* A link back to this permission.
* @return value or { @code null } for none
*/
public java.lang.String getSelfLink() {
    return selfLink;
}

/**
* A link back to this permission.
* @param selfLink selfLink or { @code null } for none
*/
public Permission setSelfLink(java.lang.String selfLink) {
    this.selfLink = selfLink;
    return this;
}

/**
* The account type. Allowed values are: - user - group - domain - anyone
* @return value or { @code null } for none
*/
public java.lang.String getType() {
    return type;
}
/**
 * The account type. Allowed values are: - user - group - domain - anyone
 * @param type type or { @code null} for none
 */
public Permission setType(java.lang.String type) {
    this.type = type;
    return this;
}

/**
 * The email address or domain name for the entity. This is used during inserts and is not
 * populated in responses. When making a drive.permissions.insert request, exactly one of the id
 * or value fields must be specified unless the permission type is anyone, in which case both id
 * and value are ignored.
 * @return value or { @code null} for none
 */
public java.lang.String getValue() {
    return value;
}

/**
 * The email address or domain name for the entity. This is used during inserts and is not
 * populated in responses. When making a drive.permissions.insert request, exactly one of the id
 * or value fields must be specified unless the permission type is anyone, in which case both id
 * and value are ignored.
 * @param value value or { @code null} for none
 */
public Permission setValue(java.lang.String value) {
    this.value = value;
    return this;
}

/**
 * Whether the link is required for this permission.
 * @return value or { @code null} for none
 */
public java.lang.Boolean getWithLink() {
    return withLink;
}

/**
 * Whether the link is required for this permission.
 * @param withLink withLink or { @code null} for none
 */
public Permission setWithLink(java.lang.Boolean withLink) {
    this.withLink = withLink;
    return this;
}
```java
@Override
public Permission set(String fieldName, Object value) {
    return (Permission) super.set(fieldName, value);
}

@Override
public Permission clone() {
    return (Permission) super.clone();
}
```

1.131 Google-Guice 3.0

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### 1.156 hibernate-validator 5.3.5

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1.175 hystrix-metrics-event-stream 1.5.12

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1.176 hystrix-serialization 1.5.12

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1.178 isoparser 1.1.18

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*/

package com.coremedia.iso.boxes;

import com.coremedia.iso.IsoTypeReader;
import com.coremedia.iso.IsoTypeWriter;
import com.coremedia.iso.Utc8;
import com.googlecode.mp4parser.AbstractFullBox;

import java.nio.ByteBuffer;

/**
 * <h1>4cc = "{@value #TYPE}"
 * The copyright box contains a copyright declaration which applies to the entire presentation, when contained
 * within the MovieBox, or, when contained in a track, to that entire track. There may be multiple boxes using
 * different language codes.
 * @see MovieBox
 * @see TrackBox
 */
public class CopyrightBox extends AbstractFullBox {
    public static final String TYPE = "cprt";
    private String language;
    private String copyright;

    public CopyrightBox() {
        super(TYPE);
    }

    public String getLanguage() {
        return language;
    }

    public String getCopyright() {
        return copyright;
    }
}
public void setLanguage(String language) {
    this.language = language;
}

custom void setCopyright(String copyright) {
    this.copyright = copyright;
}

protected long getContentSize() {
    return 7 + Utf8.utf8StringLengthInBytes(copyright);
}

@Override
public void _parseDetails(ByteBuffer content) {
    parseVersionAndFlags(content);
    language = IsoTypeReader.readIso639(content);
    copyright = IsoTypeReader.readString(content);
}

@override
protected void getContent(ByteBuffer byteBuffer) {
    writeVersionAndFlags(byteBuffer);
    IsoTypeWriter.writeIso639(byteBuffer, language);
    byteBuffer.put(Utf8.convert(copyright));
    byteBuffer.put((byte) 0);
}

public String toString() {
    return "CopyrightBox[language=" + getLanguage() + ";copyright=" + getCopyright() + "]";
}

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 */
package org.apache.jackrabbit.core.security.authorization;

/**
 * <code>Permission</code>...
 */
public final class Permission {

    public static final int NONE = 0;
    public static final int READ = 1;
    public static final int SET_PROPERTY = READ << 1;
    public static final int ADD_NODE = SET_PROPERTY << 1;
public static final int REMOVE_NODE = ADD_NODE << 1;

public static final int REMOVE_PROPERTY = REMOVE_NODE << 1;

public static final int READ_AC = REMOVE_PROPERTY << 1;

public static final int MODIFY_AC = READ_AC << 1;

public static final int NODE_TYPE_MNGMT = MODIFY_AC << 1;

public static final int VERSION_MNGMT = NODE_TYPE_MNGMT << 1;

public static final int LOCK_MNGMT = VERSION_MNGMT << 1;

public static final int LIFECYCLE_MNGMT = LOCK_MNGMT << 1;

public static final int RETENTION_MNGMT = LIFECYCLE_MNGMT << 1;

public static final int MODIFY_CHILD_NODE_COLLECTION = RETENTION_MNGMT << 1;

public static final int NODE_TYPE_DEF_MNGMT = MODIFY_CHILD_NODE_COLLECTION << 1;

public static final int NAMESPACE_MNGMT = NODE_TYPE_DEF_MNGMT << 1;

public static final int WORKSPACE_MNGMT = NAMESPACE_MNGMT << 1;

public static final int PRIVILEGE_MNGMT = WORKSPACE_MNGMT << 1;

public static final int ALL = (READ | SET_PROPERTY | ADD_NODE | REMOVE_NODE
 | REMOVE_PROPERTY | READ_AC | MODIFY_AC | NODE_TYPE_MNGMT
 | VERSION_MNGMT | LOCK_MNGMT | LIFECYCLE_MNGMT | RETENTION_MNGMT
 | MODIFY_CHILD_NODE_COLLECTION | NODE_TYPE_DEF_MNGMT | NAMESPACE_MNGMT
 | WORKSPACE_MNGMT | PRIVILEGE_MNGMT);

/**
 * Returns those bits from <code>permissions</code> that are not present in
 * the <code>otherPermissions</code>, i.e. subtracts the other permissions
 * from permissions.<br>
 * If the specified <code>otherPermissions</code> do not intersect with
 * <code>permissions</code>, <code>permissions</code> are returned.<br>
 * If <code>permissions</code> is included in <code>otherPermissions</code>,
 * [ @link #NONE ] is returned.
 * @param permissions
 * @param otherPermissions
 * @return the differences of the 2 permissions or <code>[ @link #NONE ]</code>,
 */
public static int diff(int permissions, int otherPermissions) {
    return permissions & ~otherPermissions;
}

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1.206 jackson-jaxrs-json-provider-2.5.4 2.5.4

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# Jackson JSON processor

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1.208 jackson-module-afterburner 2.8.8
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1.209 Jackson-module-JAXB-annotations

2.5.4

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1.211 jackson-xc-1.9.2.jar 1.9.2

1.212 jandex 2.0.0.Final

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1.213 jandex-2.0.0.Final 2.0.0.Final

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1.1

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1.1.1

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1.238 jaxb-core 2.2.11
1.239 jaxb-impl 2.2.11

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1.240 jaxb-impl 2.2.3-1

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/**
 * Default implementation of the Attributes interface.
 *
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 * See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
 * for further information.
 * </blockquote>
 *
 * This class provides a default implementation of the SAX2
 * [ @link org.xml.sax.Attributes Attributes ] interface, with the
 * addition of manipulators so that the list can be modified or
 * reused.</p>
 *
* <p>There are two typical uses of this class:</p>
 *
* <ol>
* <li>to take a persistent snapshot of an Attributes object
* in a [ @link org.xml.sax.ContentHandler#startElement startElement ] event; or</li>
* <li>to construct or modify an Attributes object in a SAX2 driver or filter.</li>
* </ol>
 *
* This class replaces the now-deprecated SAX1 [ @link
* org.xml.sax.helpers.AttributeListImpl AttributeListImpl ]
* class; in addition to supporting the updated Attributes
* interface rather than the deprecated [ @link org.xml.sax.AttributeList
* AttributeList ] interface, it also includes a much more efficient
* implementation using a single array rather than a set of Vectors.</p>
* @since JAXB1.0
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/

// NamespaceSupport.java - generic Namespace support for SAX.
// http://www.saxproject.org
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1.254 jclouds-jsch-1.6.0 1.6.0

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1.259 jcr 2.0

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$Id: Comment.java,v 1.32 2004/02/11 21:12:43 jhunter Exp $

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*/

package org.jdom;

/**
 * An XML comment. Methods allow the user to get and set the text of the comment.
 *
 * @version $Revision: 1.32 $, $Date: 2004/02/11 21:12:43 $ 
 * @author Brett McLaughlin
 * @author Jason Hunter
 */

public class Comment extends Content {

    private static final String CVS_ID =
    "@(#) $RCSfile: Comment.java,v $ $Revision: 1.32 $ $Date: 2004/02/11 21:12:43 $ $Name: jdom_1_0 $";

}
/** Text of the <code>Comment</code> */
protected String text;

/**
 * Default, no-args constructor for implementations to use if needed.
 */
protected Comment() {}

/**
 * This creates the comment with the supplied text.
 *
 * @param text <code>String</code> content of comment.
 */
public Comment(String text) {
    setText(text);
}

/**
 * Returns the XPath 1.0 string value of this element, which is the
 * text of this comment.
 *
 * @return the text of this comment
 */
public String getValue() {
    return text;
}

/**
 * This returns the textual data within the <code>Comment</code>.
 *
 * @return <code>String</code> - text of comment.
 */
public String getText() {
    return text;
}

/**
 * This will set the value of the <code>Comment</code>.
 *
 * @param text <code>String</code> text for comment.
 * @return <code>Comment</code> - this Comment modified.
 * @throws IllegalDataException if the given text is illegal for a
 *         Comment.
 */
public Comment setText(String text) {
    String reason;
if ((reason = Verifier.checkCommentData(text)) != null) {
    throw new IllegalDataException(text, "comment", reason);
}

this.text = text;
return this;
}

/**
 * This returns a <code>String</code> representation of the
 * <code>Comment</code>, suitable for debugging. If the XML
 * representation of the <code>Comment</code> is desired,
 * [org.jdom.output.XMLOutputter#outputString(Comment)]
 * should be used.
 *
 * @return <code>String</code> - information about the
 * <code>Attribute</code>
 */
public String toString() {
    return new StringBuffer()
        .append("[Comment: ")
        .append(new org.jdom.output.XMLOutputter().outputString(this))
        .append("]")
        .toString();
}

1.263 jdom2 2.0.4
1.263.1 Available under license :

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1.265 jdom2-2.0.5 2.0.5

1.266 jempbox-1.8.9.jar 1.8.9

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The primary ANTLR guy:

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No source code of the original library was modified.

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The binary file of the original library has been modified by Atlassian in such way that classes have changed
their package name from 'com.lowagie' to 'clover.com.lowagie'. This was necessary to
avoid potential name conflicts during instrumentation of a code using the original library when using Clover.
No source code of the original library was modified.

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their package names from 'org.jfree' to 'clover.org.jfree'. This was necessary to avoid potential name conflicts during instrumentation of a code using the original library when using Clover. No source code of the original library was modified.

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limitations under the License.
/
File: Core.js

Description:

Provides common utility functions and the Class object used internally by the library.

Also provides the <TreeUtil> object for manipulating JSON tree structures


Author:

Nicolas Garcia Belmonte

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1.1.2

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==================================================================================

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The binary file of the original library has been modified by Atlassian in such way that classes have changed their package names from 'it.unimi.dsi.fastutil' to 'clover.it.unimi.dsi.fastutil'. This was necessary to avoid potential name conflicts during instrumentation of a code using the original library when using Clover. No source code of the original library was modified.

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---------------------------------------------------------------------

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their package names from 'org.apache.velocity' to 'clover.org.apache.velocity'. This was necessary to
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The binary file of the original library has been modified by Atlassian in such way that classes have changed their package name from 'com.google.json' to 'clover.com.google.json'. This was necessary to avoid potential name conflicts during instrumentation of a code using the original library when using Clover. No source code of the original library was modified.

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avoid potential name conflicts during instrumentation of a code using the original library when using Clover.
No source code of the original library was modified.

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/
File: Core.js

Description:

Provides common utility functions and the Class object used internally by the library.

Also provides the <TreeUtil> object for manipulating JSON tree structures

Some of the Basic utility functions and the Class system are based in the MooTools Framework
<http://mootools.net/license.txt>.

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Nicolas Garcia Belmonte

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1.297 jsch 0.1.44

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1.298 json 1.8.0

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1.306 jsonassert 1.4.0

1.307 jsonpath 0.8.5
1.307.1 Available under license :
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1.311 jsr305 3.0.0

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AppleJavaExtensions

v 1.2


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1.313 jsr311-api 1.1.1

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1.332 logback-classic 1.1.11

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1.341 mapstruct 1.0.0.Final
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1.342 mariadb 10.2.13
1.342.1 Available under license :

   # Variable Name: license
   # Scope: Global
   # Access Type: Static
   # Data Type: string
   #
   # Creation Date: 2008-02-07
   # Author: Sharique Abdullah
   #
   # Description: Test Cases of Dynamic System Variable license
   # that checks the behavior of this variable in the following ways
   # *
   # * Value Check
   # * Scope Check
   #
   # server-system-variables.html
   #

# mysql-test\license_basic.test #

                  #
# Variable Name: license  #
# Scope: Global         #
# Access Type: Static   #
# Data Type: string     #
#
# Creation Date: 2008-02-07
# Author: Sharique Abdullah
#
# Description: Test Cases of Dynamic System Variable license
# that checks the behavior of this variable in the following ways
# *
# * Value Check
# * Scope Check
#
# server-system-variables.html
#
--echo '###############################BS_STVARS_040_01###############################'
# Displaying default value
SELECT COUNT(@@GLOBAL.license);
--echo 1 Expected

--echo '###############################BS_STVARS_040_02###############################'
# Check if Value can set
--error ER_INCORRECT_GLOBAL_LOCAL_VAR
SET @@GLOBAL.license=1;
--echo Expected error 'Read only variable'
SELECT COUNT(@@GLOBAL.license);
--echo 1 Expected

--echo '###############################BS_STVARS_040_03###############################'
# Check if the value in GLOBAL Table matches variable
SELECT @@GLOBAL.license = VARIABLE_VALUE
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
--echo 1 Expected
SELECT COUNT(@@GLOBAL.license);
--echo 1 Expected
SELECT COUNT(VARIABLE_VALUE)
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
--echo 1 Expected

--echo '###############################BS_STVARS_040_04###############################'
# Check if accessing variable with and without GLOBAL point to same variable
SELECT @@license = @@GLOBAL.license;

--echo '###############################BS_STVARS_040_05###############################'
# Check if accessing variable with and without GLOBAL point to same variable
SELECT @@GLOBAL.license = VARIABLE_VALUE
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
--echo 1 Expected
SELECT COUNT(VARIABLE_VALUE)
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
--echo 1 Expected

--echo '###############################BS_STVARS_040_06###############################'
# Check if accessing variable with and without GLOBAL point to same variable
SELECT @@license = @@GLOBAL.license;
--echo 1 Expected

--echo '#----------------------------------------------------------------BS_STVARS_040_05#----------------------------------------------------------------'  
# Check if license can be accessed with and without @@ sign  #
#----------------------------------------------------------------------------------------------------------------

SELECT COUNT(@@license);
--echo 1 Expected

--Error ER_INCORRECT_GLOBAL_LOCAL_VAR
SELECT COUNT(@@local.license);
--echo Expected error 'Variable is a GLOBAL variable'

--Error ER_INCORRECT_GLOBAL_LOCAL_VAR
SELECT COUNT(@@SESSION.license);
--echo Expected error 'Variable is a GLOBAL variable'

SELECT COUNT(@@GLOBAL.license);
--echo 1 Expected

--Error ER_BAD_FIELD_ERROR
SELECT license = @@SESSION.license;
--echo Expected error 'Readonly variable'
'#----------------------------------------------------------------BS_STVARS_040_01#----------------------------------------------------------------'
SELECT COUNT(@@GLOBAL.license)
 1
1 Expected

'#----------------------------------------------------------------BS_STVARS_040_02#----------------------------------------------------------------'
SET @@GLOBAL.license=1;
ERROR HY000: Variable 'license' is a read only variable
Expected error 'Read only variable'
SELECT COUNT(@@GLOBAL.license)
COUNT(@@GLOBAL.license)
 1
1 Expected

'#----------------------------------------------------------------BS_STVARS_040_03#----------------------------------------------------------------'
SELECT @@GLOBAL.license = VARIABLE_VALUE
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
@@GLOBAL.license = VARIABLE_VALUE
 1
1 Expected
SELECT COUNT(@@GLOBAL.license);
COUNT(@@GLOBAL.license)
SELECT COUNT(VARIABLE_VALUE) 
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES 
WHERE VARIABLE_NAME='license';

'---------------------BS_STVARS_040_04----------------------'
SELECT @@license = @@GLOBAL.license;
@@license = @@GLOBAL.license

'---------------------BS_STVARS_040_05----------------------'
SELECT COUNT(@@license);
COUNT(@@license)

SELECT COUNT(@@local.license);
ERROR HY000: Variable 'license' is a GLOBAL variable
Expected error 'Variable is a GLOBAL variable'
SELECT COUNT(@@SESSION.license);
ERROR HY000: Variable 'license' is a GLOBAL variable
Expected error 'Variable is a GLOBAL variable'
SELECT COUNT(@@GLOBAL.license);
COUNT(@@GLOBAL.license)

SELECT license = @@SESSION.license;
ERROR 42S22: Unknown column 'license' in 'field list'
Expected error 'Readonly variable'

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cmake-2.4.8/Utilities/cmtar/compat/gethostname.c:
gethostname.c: minimal substitute for missing gethostname() function
created 2000-Mar-02 jmk
requires SVR4 uname() and -lc

by Jim Knoble
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cmake-2.4.8/Utilities/cmzlib/zlib.h:
zlib.h -- interface of the 'zlib' general purpose compression library
version 1.1.4, March 11th, 2002

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cmake-2.4.8/Utilities/cmcurl/inet_pton.c,
cmake-2.4.8/Source/CTest/Curl/inet_pton.c:
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The tz database

The public-domain time zone database contains code and data that represent the history of local time for many representative locations around the globe. It is updated periodically to reflect changes made by political bodies to time zone boundaries, UTC offsets, and daylight-saving rules. This database (often called tz or zoneinfo) is used by several implementations, including the GNU C Library used in GNU/Linux, FreeBSD, NetBSD, OpenBSD, Cygwin, DJGPP, HP-UX, IRIX, Mac OS X, OpenVMS, Solaris, Tru64, and UnixWare.

Each location in the database represents a national region where all clocks keeping local time have agreed since 1970. Locations are identified by continent or ocean and then by the name of the location, which is typically the largest city within the region. For example, America/New_York represents most of the US eastern time zone; America/Phoenix represents most of Arizona, which uses mountain time without daylight saving time (DST); America/Detroit represents most of Michigan, which uses eastern time but with different DST rules in 1975; and other entries represent smaller regions like Starke County, Indiana, which switched from central to eastern time in 1991 and switched back in 2006. To use the database on an extended POSIX implementation set the TZ environment variable to the location's full name, e.g., TZ="America/New_York".

In the tz database's FTP distribution the code is in the file tzcodeC.tar.gz, where C is the code's version; similarly, the data are in tzdataD.tar.gz, where D is the data's version. The following shell commands download these files to a GNU/Linux or similar host; see the downloaded README file for what to do next.

wget 'ftp://elsie.nci.nih.gov/pub/tz*.tar.gz'
gzip -dc tzcode*.tar.gz | tar -xf -
gzip -dc tzdata*.tar.gz | tar -xf -

The code lets you compile the tz source files into machine-readable binary files, one for each location. It also lets you read a tz binary file and interpret time stamps for that location.
The data are by no means authoritative. If you find errors, please send changes
to the time zone mailing list. You can also subscribe to the mailing list,
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on
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   (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Version 2.1, February 1999

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
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However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
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Otherwise, if the work is a derivative of the Library, you may
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6. As an exception to the Sections above, you may also combine or
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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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Version 3, 29 June 2007

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.
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The Debian package of MySQL was first debianzed on 1997-04-12 by Christian Schwarz <schwarz@debian.org> and is maintained since 1999-04-20 by Christian Hammers <ch@debian.org>.

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1.343 maven-scm-api 1.4

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1.389 openstack-client-3.2.2-CLIQR-RELEASE

3.2.2

1.390 openstack-keystone-1.6.0 1.6.0

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1.408 Protocol Buffer Java API 2.5.0

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1.409 puma 3.9.1

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1.410 quantum-client-3.2.2-CLIQR-RELEASE 3.2.2

1.411 quartz 2.2.3

1.412 querydsl-apt 4.1.4

1.413 querydsl-apt-3.7.0 3.7.0

1.414 querydsl-codegen 4.1.4

1.415 querydsl-codegen-3.7.0 3.7.0
1.416 querydsl-core 4.1.4
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1.417 querydsl-core 4.1.4

1.418 querydsl-core-3.7.0 3.7.0

1.419 querydsl-jpa 4.1.4

1.420 querydsl-jpa-3.7.0 3.7.0

1.421 querydsl-sql 4.1.4
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1.422 querydsl-sql-3.7.0 3.7.0

1.423 Rails 5.x.x
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1.424 raml-parser 2-1.0.0

1.425 reactive-streams 1.0.0

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**1.426 recaptcha4j 0.0.7**

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Version 2.0, January 2004

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 */

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import java.util.Properties;

public interface ReCaptcha {

/**
* Creates HTML output with embedded recaptcha. The string response should be output on a HTML page (eg. inside a JSP).

* @param errorMessage An error message to display in the captcha, null if none.
* @param options Options for rendering, `<code>tabindex</code>` and `<code>theme</code>` are currently supported by recaptcha. You can put any options here though, and they will be added to the RecaptchaOptions javascript array.
* @return
*/
public String createRecaptchaHtml(String errorMessage, Properties options);

/**
 * Creates HTML output with embedded recaptcha. The string response should be output on a HTML page (eg. inside a JSP).
 *
 * This is just a wrapper that accepts the properties known to recaptcha.net
 *
 * @param errorMessage The error message to show in the recaptcha output
 * @param theme The theme to use for the recaptcha output (null if default)
 * @param tabindex The tabindex to use for the recaptcha element (null if default)
 * @return
 */
public String createRecaptchaHtml(String errorMessage, String theme, Integer tabindex);

/**
 * Validates a reCaptcha challenge and response.
 *
 * @param remoteAddr The address of the user, eg. request.getRemoteAddr()
 * @param challenge The challenge from the reCaptcha form, this is usually request.getParameter("reCaptcha_challenge_field") in your code.
 * @param response The response from the reCaptcha form, this is usually request.getParameter("reCaptcha_response_field") in your code.
 * @return
 */
public ReCaptchaResponse checkAnswer(String remoteAddr, String challenge, String response);

}
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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

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snakeyaml-NOTICE

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
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## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
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1.437 ribbon-httpclient 2.2.2

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<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
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<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">
<title>Apache License, Version 2.0</title>

<link href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700" rel='stylesheet' type='text/css'/>
<link href="/css/min.bootstrap.css" rel="stylesheet"/>
<link href="/css/styles.css" rel="stylesheet"/>

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<li><a href="http://community.apache.org/">Community Development</a></li>
<li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
<li><a href="http://www.apachecon.com/">ApacheCon</a></li>

<ul>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/contributing.html">Donations</a></li>
<li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
<li><a href="/foundation/thanks.html">Thanks</a></li>
</ul>
</li>
</ul>
</nav>
<header>
<!-- / Navigation -->
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<div class="row">
<div class="col-md-6 col-sm-5 col-xs-12">
<img src="/img/asf_logo.png" alt="Apache Logo" style="max-width: 100%;" />
</div>
<div class="col-md-3 col-sm-3 col-xs-6">
<a href="http://apache.org/foundation/contributing.html" title="Support Apache">
<img src="/images/SupportApache-small.png" style="height: 150px; width: 150px; margin-top: 5px; margin-bottom: 5px;" />
</a>
</div>
<div class="col-md-3 col-sm-4 col-xs-6">
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var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})();

<gcse:searchbox-only></gcse:searchbox-only>
</div>
</div>
</div>
</header>
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</pre></div></div>

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<footer class="bg-primary">
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<div class="row">
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<div class="col-sm-1">
</div>
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<h5 class="white">Community</h5>
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<li><a href="/foundation/conferences.html">Conferences</a></li>
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
<li><a href="/travel/">Travel Assistance</a></li>
<li><a href="/foundation/getinvolved.html">Get Involved</a></li>
<li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
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<li><a href="/licenses/">Licensing</a></li>
<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
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<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
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<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
<li><a href="/security/">Security</a></li>
</ul>
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1.438 ribbon-loadbalancer 2.2.2

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1.451 ServiceLocator Default Implementation

2.4.0-b31

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1.467 snakeyaml 1.17
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1.468 Softlayer SDK 0.2.4
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1.469 softlayer-api-client 0.2.4

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```java
package com.softlayer.api.service.user.permission;

import com.softlayer.api.ApiClient;
import com.softlayer.api.ResponseHandler;
import com.softlayer.api.annotation.ApiMethod;
import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Entity;
import java.util.GregorianCalendar;
import java.util.List;
import java.util.concurrent.Future;

/**
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_User_Permission_Action">SoftLayer_User_Permission_Action</a>
 */
@ApiType("SoftLayer_User_Permission_Action")
public class Action extends Entity {

  @ApiProperty(canBeNullOrNotSet = true)
  protected GregorianCalendar createDate;

  public GregorianCalendar getCreateDate() {
    return createDate;
  }
}
```
public void setCreateDate(GregorianCalendar createDate) {
    createDateSpecified = true;
    this.createDate = createDate;
}

protected boolean createDateSpecified;

public boolean isCreateDateSpecified() {
    return createDateSpecified;
}

public void unsetCreateDate() {
    createDate = null;
    createDateSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected String description;

public String getDescription() {
    return description;
}

public void setDescription(String description) {
    descriptionSpecified = true;
    this.description = description;
}

protected boolean descriptionSpecified;

public boolean isDescriptionSpecified() {
    return descriptionSpecified;
}

public void unsetDescription() {
    description = null;
    descriptionSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected Long id;

public Long getId() {
    return id;
}

public void setId(Long id) {
idSpecified = true;
this.id = id;
}

protected boolean idSpecified;

public boolean isIdSpecified() {
    return idSpecified;
}

public void setId() {
    id = null;
    idSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected String key;

public String getKey() {
    return key;
}

public void setKey(String key) {
    keySpecified = true;
    this.key = key;
}

protected boolean keySpecified;

public boolean isKeySpecified() {
    return keySpecified;
}

public void unsetKey() {
    key = null;
    keySpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected String keyName;

public String getKeyName() {
    return keyName;
}

public void setKeyName(String keyName) {
    keyNameSpecified = true;
    this.keyName = keyName;
}
protected boolean keyNameSpecified;

public boolean isKeyNameSpecified() {
    return keyNameSpecified;
}

public void unsetKeyName() {
    keyName = null;
    keyNameSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected GregorianCalendar modifyDate;

public GregorianCalendar getModifyDate() {
    return modifyDate;
}

public void setModifyDate(GregorianCalendar modifyDate) {
    modifyDateSpecified = true;
    this.modifyDate = modifyDate;
}

protected boolean modifyDateSpecified;

public boolean isModifyDateSpecified() {
    return modifyDateSpecified;
}

public void unsetModifyDate() {
    modifyDate = null;
    modifyDateSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected String name;

public String getName() {
    return name;
}

public void setName(String name) {
    nameSpecified = true;
    this.name = name;
}
protected boolean nameSpecified;

public boolean isNameSpecified() {
    return nameSpecified;
}

public void unsetName() {
    name = null;
    nameSpecified = false;
}

public Service asService(ApiClient client) {
    return service(client, id);
}

public static Service service(ApiClient client) {
    return client.createService(Service.class, null);
}

public static Service service(ApiClient client, Long id) {
    return client.createService(Service.class, id == null ? null : id.toString());
}

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Action">SoftLayer_User_Permission_Action</a>
 */
@com.softlayer.api.annotation.ApiService("SoftLayer_User_Permission_Action")
public static interface Service extends com.softlayer.api.Service {

    public ServiceAsync asAsync();
    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Action/getAllObjects">SoftLayer_User_Permission_Action::getAllObjects</a>
     */
    @ApiMethod
    public List<Action> getAllObjects();

    /**
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Action/getObject">SoftLayer_User_Permission_Action::getObject</a>
     */

}
/**
 * @ApiMethod(instanceRequired = true)
 * public Action getObject();
 */

public static interface ServiceAsync extends com.softlayer.api.ServiceAsync {

    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     * Async version of [ @link Service#getAllObjects]
     */
    public Future<List<Action>> getAllObjects();

    public Future<?> getAllObjects(ResponseHandler<List<Action>> callback);

    /**
     * Async version of [ @link Service#getObject]
     */
    public Future<Action> getObject();

    public Future<?> getObject(ResponseHandler<Action> callback);
}

public static class Mask extends com.softlayer.api.service.Entity.Mask {

    public Mask createDate() {
        withLocalProperty("createDate");
        return this;
    }

    public Mask description() {
        withLocalProperty("description");
        return this;
    }

    public Mask id() {
        withLocalProperty("id");
        return this;
    }

    public Mask key() {
        withLocalProperty("key");
        return this;
    }
public Mask keyName() {
    withLocalProperty("keyName");
    return this;
}

public Mask modifyDate() {
    withLocalProperty("modifyDate");
    return this;
}

public Mask name() {
    withLocalProperty("name");
    return this;
}

package com.softlayer.api.service.user.permission;

import com.softlayer.api.ApiClient;
import com.softlayer.api.ResponseHandler;
import com.softlayer.api.annotation.ApiMethod;
import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Account;
import com.softlayer.api.service.Entity;
import com.softlayer.api.service.user.Customer;
import com.softlayer.api.service.user.permission.Action;
import com.softlayer.api.service.user.permission.Group;
import java.util.ArrayList;
import java.util.GregorianCalendar;
import java.util.List;
import java.util.concurrent.Future;

/**
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_User_Permission_Role">SoftLayer_User_Permission_Role</a>
 */
@ApiType("SoftLayer_User_Permission_Role")
public class Role extends Entity {

    @ApiProperty
    protected Account account;

    /*
    * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_User_Permission_Role">SoftLayer_User_Permission_Role</a>
    */
    @ApiOperation("SoftLayer_User_Permission_Role")
    public class Role extends Entity {

        @ApiProperty
        protected Account account;
public Account getAccount() {
    return account;
}

canon void setAccount(Account account) {
    this.account = account;
}

@ApiProperty
protected List<Action> actions;

canon List<Action> getActions() {
    if (actions == null) {
        actions = new ArrayList<Action>();
    }
    return actions;
}

@ApiProperty
protected List<Group> groups;

canon List<Group> getGroups() {
    if (groups == null) {
        groups = new ArrayList<Group>();
    }
    return groups;
}

@ApiProperty
protected List<Customer> users;

canon List<Customer> getUsers() {
    if (users == null) {
        users = new ArrayList<Customer>();
    }
    return users;
}

/**
 * A permission roles associated [SoftLayer_Account] customer account] id.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long accountId;

canon Long getAccountId() {
    return accountId;
}
public void setAccountId(Long accountId) {
    accountIdSpecified = true;
    this.accountId = accountId;
}

protected boolean accountIdSpecified;

public boolean isAccountIdSpecified() {
    return accountIdSpecified;
}

public void unsetAccountId() {
    accountId = null;
    accountIdSpecified = false;
}

/**
 * The date the permission role record was created.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected GregorianCalendar createDate;

public GregorianCalendar getCreateDate() {
    return createDate;
}

public void setCreateDate(GregorianCalendar createDate) {
    createDateSpecified = true;
    this.createDate = createDate;
}

protected boolean createDateSpecified;

public boolean isCreateDateSpecified() {
    return createDateSpecified;
}

public void unsetCreateDate() {
    createDate = null;
    createDateSpecified = false;
}

/**
 * The description of the permission role.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String description;
public String getDescription() {
    return description;
}

public void setDescription(String description) {
    descriptionSpecified = true;
    this.description = description;
}

protected boolean descriptionSpecified;

public boolean isDescriptionSpecified() {
    return descriptionSpecified;
}

public void unsetDescription() {
    description = null;
    descriptionSpecified = false;
}

/**
 * A permission roles internal identifying number.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long id;

public Long getId() {
    return id;
}

public void setId(Long id) {
    idSpecified = true;
    this.id = id;
}

protected boolean idSpecified;

public boolean isIdSpecified() {
    return idSpecified;
}

public void unsetId() {
    id = null;
    idSpecified = false;
}

/**
 * The date the permission role record was last modified.
 */
/**
 * The name of the permission role.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String name;

public String getName() {
    return name;
}

public void setName(String name) {
    nameSpecified = true;
    this.name = name;
}

protected boolean nameSpecified;

public boolean isNameSpecified() {
    return nameSpecified;
}

public void unsetName() {
    name = null;
    nameSpecified = false;
}
/**
 * A flag showing if new users should be automatically added to this role.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long newUserDefaultFlag;

public Long getNewUserDefaultFlag() {
    return newUserDefaultFlag;
}

public void setNewUserDefaultFlag(Long newUserDefaultFlag) {
    newUserDefaultFlagSpecified = true;
    this.newUserDefaultFlag = newUserDefaultFlag;
}

protected boolean newUserDefaultFlagSpecified;

public boolean isNewUserDefaultFlagSpecified() {
    return newUserDefaultFlagSpecified;
}

public void unsetNewUserDefaultFlag() {
    newUserDefaultFlag = null;
    newUserDefaultFlagSpecified = false;
}

/**
 * A flag showing if the permission role was created by our internal system for a single user. If this flag is set only a single user can be assigned to this permission role and it can not be deleted.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long systemFlag;

public Long getSystemFlag() {
    return systemFlag;
}

public void setSystemFlag(Long systemFlag) {
    systemFlagSpecified = true;
    this.systemFlag = systemFlag;
}

protected boolean systemFlagSpecified;

public boolean isSystemFlagSpecified() {
    return systemFlagSpecified;
}
public void unsetSystemFlag() {
    systemFlag = null;
    systemFlagSpecified = false;
}

/**
 * A count of
 */
@ApiProperty
protected Long actionCount;

public Long getActionCount() {
    return actionCount;
}

public void setActionCount(Long actionCount) {
    this.actionCount = actionCount;
}

/**
 * A count of
 */
@ApiProperty
protected Long groupCount;

public Long getGroupCount() {
    return groupCount;
}

public void setGroupCount(Long groupCount) {
    this.groupCount = groupCount;
}

/**
 * A count of
 */
@ApiProperty
protected Long userCount;

public Long getUserCount() {
    return userCount;
}

public void setUserCount(Long userCount) {
    this.userCount = userCount;
}
public Service asService(ApiClient client) {
    return service(client, id);
}

public static Service service(ApiClient client) {
    return client.createService(Service.class, null);
}

public static Service service(ApiClient client, Long id) {
    return client.createService(Service.class, id == null ? null : id.toString());
}

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role">SoftLayer_User_Permission_Role</a>
 */
@com.softlayer.api.annotation.ApiService("SoftLayer_User_Permission_Role")
public static interface Service extends com.softlayer.api.Service {
    public ServiceAsync asAsync();
    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role/addUser">SoftLayer_User_Permission_Role::addUser</a>
     */
    @ApiMethod(instanceRequired = true)
    public Void addUser(Customer user);

    /**
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role/createObject">SoftLayer_User_Permission_Role::createObject</a>
     */
    @ApiMethod
    public Role createObject(Role templateObject);

    /**
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role/deleteObject">SoftLayer_User_Permission_Role::deleteObject</a>
     */
    @ApiMethod(instanceRequired = true)
public Boolean deleteObject();

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role/editObject">SoftLayer_User_Permission_Role::editObject</a>
 */
@ApiMethod(instanceRequired = true)
public Role editObject(Role templateObject);

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role/getObject">SoftLayer_User_Permission_Role::getObject</a>
 */
@ApiMethod(instanceRequired = true)
public Role getObject();

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role/linkGroup">SoftLayer_User_Permission_Role::linkGroup</a>
 */
@ApiMethod(instanceRequired = true)
public Void linkGroup(Group group);

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role/removeUser">SoftLayer_User_Permission_Role::removeUser</a>
 */
@ApiMethod(instanceRequired = true)
public Void removeUser(Customer user);

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role/unlinkGroup">SoftLayer_User_Permission_Role::unlinkGroup</a>
 */
@ApiMethod(instanceRequired = true)
public Void unlinkGroup(Group group);

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Role/getAccount">SoftLayer_User_Permission_Role::getAccount</a>
 */
@ApiMethod(instanceRequired = true)
public Account getAccount();

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permisson_Role::getActions">SoftLayer_User_Permisson_Role::getActions</a>
 */
@ApiMethod(instanceRequired = true)
public List<Action> getActions();

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permisson_Role::getGroups">SoftLayer_User_Permisson_Role::getGroups</a>
 */
@ApiMethod(instanceRequired = true)
public List<Group> getGroups();

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permisson_Role::getUsers">SoftLayer_User_Permisson_Role::getUsers</a>
 */
@ApiMethod(instanceRequired = true)
public List<Customer> getUsers();

}

public static interface ServiceAsync extends com.softlayer.api.ServiceAsync {

    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     * Async version of [ @link Service#addUser]
     */
    public Future<Void> addUser(Customer user);

    public Future<?> addUser(Customer user, ResponseHandler<Void> callback);

    /**
     * Async version of [ @link Service#createObject]
     */
    public Future<Role> createObject(Role templateObject);

    public Future<?> createObject(Role templateObject, ResponseHandler<Role> callback);
/**
* Async version of [@link Service#deleteObject]
*/
public Future<Boolean> deleteObject();

public Future<?> deleteObject(ResponseHandler<Boolean> callback);

/**
* Async version of [@link Service#editObject]
*/
public Future<Role> editObject(Role templateObject);

public Future<?> editObject(Role templateObject, ResponseHandler<Role> callback);

/**
* Async version of [@link Service#getObject]
*/
public Future<Role> getObject();

public Future<?> getObject(ResponseHandler<Role> callback);

/**
* Async version of [@link Service#linkGroup]
*/
public Future<Void> linkGroup(Group group);

public Future<?> linkGroup(Group group, ResponseHandler<Void> callback);

/**
* Async version of [@link Service#removeUser]
*/
public Future<Void> removeUser(Customer user);

public Future<?> removeUser(Customer user, ResponseHandler<Void> callback);

/**
* Async version of [@link Service#unlinkGroup]
*/
public Future<Void> unlinkGroup(Group group);

public Future<?> unlinkGroup(Group group, ResponseHandler<Void> callback);

/**
* Async version of [@link Service#getAccount]
*/
public Future<Account> getAccount();

/**
* Async callback version of {@link Service#getAccount}
 */
public Future<?> getAccount(ResponseHandler<Account> callback);

/**
 * Async version of {@link Service#getActions}
 */
public Future<List<Action>> getActions();

/**
 * Async callback version of {@link Service#getActions}
 */
public Future<?> getActions(ResponseHandler<List<Action>> callback);

/**
 * Async version of {@link Service#getGroups}
 */
public Future<List<Group>> getGroups();

/**
 * Async callback version of {@link Service#getGroups}
 */
public Future<?> getGroups(ResponseHandler<List<Group>> callback);

/**
 * Async version of {@link Service#getUsers}
 */
public Future<List<Customer>> getUsers();

/**
 * Async callback version of {@link Service#getUsers}
 */
public Future<?> getUsers(ResponseHandler<List<Customer>> callback);

}

public static class Mask extends com.softlayer.api.service.Entity.Mask {

    public com.softlayer.api.service.Account.Mask account() {
        return withSubMask("account", com.softlayer.api.service.Account.Mask.class);
    }

    public Action.Mask actions() {
        return withSubMask("actions", Action.Mask.class);
    }

    public Group.Mask groups() {
        return withSubMask("groups", Group.Mask.class);
    }

}
public com.softlayer.api.service.user.Customer.Mask users() {
    return withSubMask("users", com.softlayer.api.service.user.Customer.Mask.class);
}

public Mask accountId() {
    withLocalProperty("accountId");
    return this;
}

public Mask createDate() {
    withLocalProperty("createDate");
    return this;
}

public Mask description() {
    withLocalProperty("description");
    return this;
}

public Mask id() {
    withLocalProperty("id");
    return this;
}

public Mask modifyDate() {
    withLocalProperty("modifyDate");
    return this;
}

public Mask name() {
    withLocalProperty("name");
    return this;
}

public Mask newUserDefaultFlag() {
    withLocalProperty("newUserDefaultFlag");
    return this;
}

public Mask systemFlag() {
    withLocalProperty("systemFlag");
    return this;
}

public Mask actionCount() {
    withLocalProperty("actionCount");
return this;
}

public Mask groupCount() {
    withLocalProperty("groupCount");
    return this;
}

public Mask userCount() {
    withLocalProperty("userCount");
    return this;
}

}

package com.softlayer.api.service.user.permission.group;

import com.softlayer.api.ApiClient;
import com.softlayer.api.ResponseHandler;
import com.softlayer.api.annotation.ApiMethod;
import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Entity;
import com.softlayer.api.service.user.permission.Group;
import java.util.ArrayList;
import java.util.GregorianCalendar;
import java.util.List;
import java.util.concurrent.Future;

/**
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_User_Permission_Group_Type">SoftLayer_User_Permission_Group_Type</a>
 */
@ApiType("SoftLayer_User_Permission_Group_Type")
public class Type extends Entity {

    @ApiProperty
    protected List<Group> groups;

    public List<Group> getGroups() {
        if (groups == null) {
            groups = new ArrayList<Group>();
        }
        return groups;
    }
@ApiProperty(canBeNullOrNotSet = true)
protected GregorianCalendar createDate;

public GregorianCalendar getCreateDate() {
    return createDate;
}

public void setCreateDate(GregorianCalendar createDate) {
    createDateSpecified = true;
    this.createDate = createDate;
}

protected boolean createDateSpecified;

public boolean isCreateDateSpecified() {
    return createDateSpecified;
}

public void unsetCreateDate() {
    createDate = null;
    createDateSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected Long id;

public Long getId() {
    return id;
}

public void setId(Long id) {
    idSpecified = true;
    this.id = id;
}

protected boolean idSpecified;

public boolean isIdSpecified() {
    return idSpecified;
}

public void unsetId() {
    id = null;
    idSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected String keyName;
public String getKeyName() {
    return keyName;
}

public void setKeyName(String keyName) {
    keyNameSpecified = true;
    this.keyName = keyName;
}

protected boolean keyNameSpecified;

public boolean isKeyNameSpecified() {
    return keyNameSpecified;
}

public void unsetKeyName() {
    keyName = null;
    keyNameSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected GregorianCalendar modifyDate;

public GregorianCalendar getModifyDate() {
    return modifyDate;
}

public void setModifyDate(GregorianCalendar modifyDate) {
    modifyDateSpecified = true;
    this.modifyDate = modifyDate;
}

protected boolean modifyDateSpecified;

public boolean isModifyDateSpecified() {
    return modifyDateSpecified;
}

public void unsetModifyDate() {
    modifyDate = null;
    modifyDateSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected String name;

public String getName() {

return name;
}

public void setName(String name) {
    nameSpecified = true;
    this.name = name;
}

protected boolean nameSpecified;

public boolean isNameSpecified() {
    return nameSpecified;
}

public void unsetName() {
    name = null;
    nameSpecified = false;
}

/**
 * A count of
 */
@ApiProperty
protected Long groupCount;

public Long getGroupCount() {
    return groupCount;
}

public void setGroupCount(Long groupCount) {
    this.groupCount = groupCount;
}

public Service asService(ApiClient client) {
    return service(client, id);
}

public static Service service(ApiClient client) {
    return client.createService(Service.class, null);
}

public static Service service(ApiClient client, Long id) {
    return client.createService(Service.class, id == null ? null : id.toString());
}

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group_Type">SoftLayer_User_Per
mission_Group_Type</a>
*/

@com.softlayer.api.annotation.ApiService("SoftLayer_User_Permission_Group_Type")
public static interface Service extends com.softlayer.api.Service {

    public ServiceAsync asAsync();
    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group_Type/getObject">SoftLayer_User_Permission_Group_Type::getObject</a>
     */
    @ApiMethod(instanceRequired = true)
    public Type getObject();

    /**
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group_Type/getGroups">SoftLayer_User_Permission_Group_Type::getGroups</a>
     */
    @ApiMethod(instanceRequired = true)
    public List<Group> getGroups();

}

public static interface ServiceAsync extends com.softlayer.api.ServiceAsync {

    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     * Async version of [ @link Service#getObject]
     */
    public Future<Type> getObject();

    public Future<?< Type> getobject(ResponseHandler< Type> callback);

    /**
     * Async version of [ @link Service#getGroups]
     */
    public Future<List<Group>> getGroups();

    /**
     * Async callback version of [ @link Service#getGroups]
public Future<?> getGroups(ResponseHandler<List<Group>> callback);

public static class Mask extends com.softlayer.api.service.Entity.Mask {

    public com.softlayer.api.service.user.permission.Group.Mask groups() {
        return withSubMask("groups", com.softlayer.api.service.user.permission.Group.Mask.class);
    }

    public Mask createDate() {
        withLocalProperty("createDate");
        return this;
    }

    public Mask id() {
        withLocalProperty("id");
        return this;
    }

    public Mask keyName() {
        withLocalProperty("keyName");
        return this;
    }

    public Mask modifyDate() {
        withLocalProperty("modifyDate");
        return this;
    }

    public Mask name() {
        withLocalProperty("name");
        return this;
    }

    public Mask groupCount() {
        withLocalProperty("groupCount");
        return this;
    }

}

package com.softlayer.api.service.user.permission;

import com.softlayer.api.ApiClient;
import com.softlayer.api.ResponseHandler;
import com.softlayer.api.annotation.ApiMethod;
import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Account;
import com.softlayer.api.service.Entity;
import com.softlayer.api.service.user.permission.Action;
import com.softlayer.api.service.user.permission.Role;
import com.softlayer.api.service.user.permission.group.Type;
import java.util.ArrayList;
import java.util.GregorianCalendar;
import java.util.List;
import java.util.concurrent.Future;

/**
   *
   */
@ApiType("SoftLayer_User_Permission_Group")
public class Group extends Entity {

    @ApiProperty
    protected Account account;

    public Account getAccount() {
        return account;
    }

    public void setAccount(Account account) {
        this.account = account;
    }

    @ApiProperty
    protected List<Role> roles;

    public List<Role> getRoles() {
        if (roles == null) {
            roles = new ArrayList<Role>();
        }
        return roles;
    }

    @ApiProperty
    protected List<Action> actions;

    public List<Action> getActions() {
        if (actions == null) {
            actions = new ArrayList<Action>();
        }
        return actions;
    }
}
/**
 * The type of the permission group.
 */
@ApiProperty
protected Type type;

public Type getType() {
    return type;
}

public void setType(Type type) {
    this.type = type;
}

/**
 * A permission groups associated [[SoftLayer_Account|customer account]] id.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long accountId;

public Long getAccountId() {
    return accountId;
}

public void setAccountId(Long accountId) {
    accountIdSpecified = true;
    this.accountId = accountId;
}

protected boolean accountIdSpecified;

public boolean isAccountIdSpecified() {
    return accountIdSpecified;
}

public void unsetAccountId() {
    accountId = null;
    accountIdSpecified = false;
}

/**
 * The date the permission group record was created.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected GregorianCalendar createDate;

public GregorianCalendar getCreateDate() {
    return createDate;
}

public void setCreateDate(GregorianCalendar createDate) {
    createDateSpecified = true;
    this.createDate = createDate;
}

protected boolean createDateSpecified;

public boolean isCreateDateSpecified() {
    return createDateSpecified;
}

public void unsetCreateDate() {
    createDate = null;
    createDateSpecified = false;
}

/**
 * The description of the permission group.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String description;

public String getDescription() {
    return description;
}

public void setDescription(String description) {
    descriptionSpecified = true;
    this.description = description;
}

protected boolean descriptionSpecified;

public boolean isDescriptionSpecified() {
    return descriptionSpecified;
}

public void unsetDescription() {
    description = null;
    descriptionSpecified = false;
}
/**
 * The date the temporary group will be destroyed.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected GregorianCalendar expirationDate;

public GregorianCalendar getExpirationDate() {
    return expirationDate;
}

public void setExpirationDate(GregorianCalendar expirationDate) {
    expirationDateSpecified = true;
    this.expirationDate = expirationDate;
}

protected boolean expirationDateSpecified;

public boolean isExpirationDateSpecified() {
    return expirationDateSpecified;
}

public void unsetExpirationDate() {
    expirationDate = null;
    expirationDateSpecified = false;
}

/**
 * A permission groups internal identifying number.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long id;

public Long getId() {
    return id;
}

public void setId(Long id) {
    idSpecified = true;
    this.id = id;
}

protected boolean idSpecified;

public boolean isIdSpecified() {
    return idSpecified;
}

public void unsetId() {
id = null;
idSpecified = false;
}

/**
 * The date the permission group record was last modified.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected GregorianCalendar modifyDate;

public GregorianCalendar getModifyDate() {
    return modifyDate;
}

public void setModifyDate(GregorianCalendar modifyDate) {
    modifyDateSpecified = true;
    this.modifyDate = modifyDate;
}

protected boolean modifyDateSpecified;

public boolean isModifyDateSpecified() {
    return modifyDateSpecified;
}

public void unsetModifyDate() {
    modifyDate = null;
    modifyDateSpecified = false;
}

/**
 * The name of the permission group.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String name;

public String getName() {
    return name;
}

public void setName(String name) {
    nameSpecified = true;
    this.name = name;
}

protected boolean nameSpecified;

public boolean isNameSpecified() {
return nameSpecified;
}

public void unsetName() {
    name = null;
    nameSpecified = false;
}

/**
 * The type of permission group.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long typeId;

public Long getTypeId() {
    return typeId;
}

public void setTypeId(Long typeId) {
    typeIdSpecified = true;
    this.typeId = typeId;
}

protected boolean typeIdSpecified;

public boolean isTypeIdSpecified() {
    return typeIdSpecified;
}

public void unsetTypeId() {
    typeId = null;
    typeIdSpecified = false;
}

/**
 * A count of
 */
@ApiProperty
protected Long actionCount;

public Long getActionCount() {
    return actionCount;
}

public void setActionCount(Long actionCount) {
    this.actionCount = actionCount;
}
/**
 * A count of
 */

@ApiResponse
protected Long roleCount;

public Long getRoleCount() {
    return roleCount;
}

public void setRoleCount(Long roleCount) {
    this.roleCount = roleCount;
}

public Service asService(ApiClient client) {
    return service(client, id);
}

public static Service service(ApiClient client) {
    return client.createService(Service.class, null);
}

public static Service service(ApiClient client, Long id) {
    return client.createService(Service.class, id == null ? null : id.toString());
}

/**
 */

@com.softlayer.api.annotation.ApiService("SoftLayer_User_Permission_Group")
public static interface Service extends com.softlayer.api.Service {
    public ServiceAsync asAsync();
    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     */
    @ApiMethod(instanceRequired = true)
    public Void addAction(Action action);

    /**
* @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group/addBulkActions">SoftLayer_User_Permission_Group::addBulkActions</a>*

    @ApiMethod(instanceRequired = true)
    public Void addBulkActions(List<Action> actions);

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group/addBulkResourceObjects">SoftLayer_User_Permission_Group::addBulkResourceObjects</a>*

    @ApiMethod(instanceRequired = true)
    public Boolean addBulkResourceObjects(List<Entity> resourceObjects, String resourceTypeKeyName);

/**

    @ApiMethod(instanceRequired = true)
    public Boolean addResourceObject(Entity resourceObject, String resourceTypeKeyName);

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group/createObject">SoftLayer_User_Permission_Group::createObject</a>*

    @ApiMethod
    public Group createObject(Group templateObject);

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group/deleteObject">SoftLayer_User_Permission_Group::deleteObject</a>*

    @ApiMethod(instanceRequired = true)
    public Boolean deleteObject();

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group/editObject">SoftLayer_User_Permission_Group::editObject</a>*

    @ApiMethod(instanceRequired = true)
    public Group editObject(Group templateObject);
  */
  @ApiMethod(instanceRequired = true)
  public Group getObject();

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group/linkRole">SoftLayer_User_Permission_Group::linkRole</a>
  */
  @ApiMethod(instanceRequired = true)
  public Void linkRole(Role role);

/**
  */
  @ApiMethod(instanceRequired = true)
  public Void removeAction(Action action);

/**
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Permission_Group/removeBulkActions">SoftLayer_User_Permission_Group::removeBulkActions</a>
  */
  @ApiMethod(instanceRequired = true)
  public Void removeBulkActions(List<Action> actions);

/**
  */
  @ApiMethod(instanceRequired = true)
  public Boolean removeBulkResourceObjects(List<Entity> resourceObjects, String resourceTypeKeyName);

/**
  */
  @ApiMethod(instanceRequired = true)
  public Boolean removeResourceObject(Entity resourceObject, String resourceTypeKeyName);

/**
public static interface ServiceAsync extends com.softlayer.api.ServiceAsync {

    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

}
/**
 * Async version of [@link Service#addAction]
 */
public Future<Void> addAction(Action action);

public Future<?> addAction(Action action, ResponseHandler<Void> callback);

/**
 * Async version of [@link Service#addBulkActions]
 */
public Future<Void> addBulkActions(List<Action> actions);

public Future<?> addBulkActions(List<Action> actions, ResponseHandler<Void> callback);

/**
 * Async version of [@link Service#addBulkResourceObjects]
 */
public Future<Boolean> addBulkResourceObjects(List<Entity> resourceObjects, String resourceTypeKeyName);

public Future<?> addBulkResourceObjects(List<Entity> resourceObjects, String resourceTypeKeyName, ResponseHandler<Boolean> callback);

/**
 * Async version of [@link Service#addResourceObject]
 */
public Future<Boolean> addResourceObject(Entity resourceObject, String resourceTypeKeyName);

public Future<?> addResourceObject(Entity resourceObject, String resourceTypeKeyName, ResponseHandler<Boolean> callback);

/**
 * Async version of [@link Service#createObject]
 */
public Future<Group> createObject(Group templateObject);

public Future<?> createObject(Group templateObject, ResponseHandler<Group> callback);

/**
 * Async version of [@link Service#deleteObject]
 */
public Future<Boolean> deleteObject();

public Future<?> deleteObject(ResponseHandler<Boolean> callback);

/**
 * Async version of [@link Service#editObject]
public Future<Group> editObject(Group templateObject);

public Future<?> editObject(Group templateObject, ResponseHandler<Group> callback);

/**
 * Async version of [@link Service#editObject]
 */
public Future<Group> getObject();

public Future<?> getObject(ResponseHandler<Group> callback);

/**
 * Async version of [@link Service#linkRole]
 */
public Future<Void> linkRole(Role role);

public Future<?> linkRole(Role role, ResponseHandler<Void> callback);

/**
 * Async version of [@link Service#removeAction]
 */
public Future<Void> removeAction(Action action);

public Future<?> removeAction(Action action, ResponseHandler<Void> callback);

/**
 * Async version of [@link Service#removeBulkActions]
 */
public Future<Void> removeBulkActions(List<Action> actions);

public Future<?> removeBulkActions(List<Action> actions, ResponseHandler<Void> callback);

/**
 * Async version of [@link Service#removeBulkResourceObjects]
 */
public Future<Boolean> removeBulkResourceObjects(List<Entity> resourceObjects, String resourceTypeKeyName);

public Future<?> removeBulkResourceObjects(List<Entity> resourceObjects, String resourceTypeKeyName, ResponseHandler<Boolean> callback);

/**
 * Async version of [@link Service#removeResourceObject]
 */
public Future<Boolean> removeResourceObject(Entity resourceObject, String resourceTypeKeyName);

public Future<?> removeResourceObject(Entity resourceObject, String resourceTypeKeyName,
ResponseHandler<Boolean> callback);

/**
 * Async version of [ @link Service#unlinkRole ]
 */
public Future<Void> unlinkRole(Role role);

public Future<?> unlinkRole(Role role, ResponseHandler<Void> callback);

/**
 * Async version of [ @link Service#getAccount ]
 */
public Future<Account> getAccount();

/**
 * Async callback version of [ @link Service#getAccount ]
 */
public Future<?> getAccount(ResponseHandler<Account> callback);

/**
 * Async version of [ @link Service#getActions ]
 */
public Future<List<Action>> getActions();

/**
 * Async callback version of [ @link Service#getActions ]
 */
public Future<?> getActions(ResponseHandler<List<Action>> callback);

/**
 * Async version of [ @link Service#getRoles ]
 */
public Future<List<Role>> getRoles();

/**
 * Async callback version of [ @link Service#getRoles ]
 */
public Future<?> getRoles(ResponseHandler<List<Role>> callback);

/**
 * Async version of [ @link Service#getType ]
 */
public Future<Type> getType();

/**
 * Async callback version of [ @link Service#getType ]
 */
public Future<?, ?> getType(ResponseHandler<Type> callback);
```java
public static class Mask extends com.softlayer.api.service.Entity.Mask {

    public com.softlayer.api.service.Account.Mask account() {
        return withSubMask("account", com.softlayer.api.service.Account.Mask.class);
    }

    public Action.Mask actions() {
        return withSubMask("actions", Action.Mask.class);
    }

    public Role.Mask roles() {
        return withSubMask("roles", Role.Mask.class);
    }

    public com.softlayer.api.service.user.permission.group.Type.Mask type() {
        return withSubMask("type", com.softlayer.api.service.user.permission.group.Type.Mask.class);
    }

    public Mask accountId() {
        withLocalProperty("accountId");
        return this;
    }

    public Mask createDate() {
        withLocalProperty("createDate");
        return this;
    }

    public Mask description() {
        withLocalProperty("description");
        return this;
    }

    public Mask expirationDate() {
        withLocalProperty("expirationDate");
        return this;
    }

    public Mask id() {
        withLocalProperty("id");
        return this;
    }

    public Mask modifyDate() {
        withLocalProperty("modifyDate");
    }
}
```
return this;
}\

public Mask name() {
    withLocalProperty("name");
    return this;
}

public Mask typeId() {
    withLocalProperty("typeId");
    return this;
}

public Mask actionCount() {
    withLocalProperty("actionCount");
    return this;
}

public Mask roleCount() {
    withLocalProperty("roleCount");
    return this;
}

}

package com.softlayer.api.service.user.customer.customerpermission;

import com.softlayer.api.ApiClient;
import com.softlayer.api.ResponseHandler;
import com.softlayer.api.annotation.ApiMethod;
import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Entity;
import java.util.List;
import java.util.concurrent.Future;

/**
 * Each SoftLayer portal account is assigned a series of permissions that determine what access the user has to functions within the SoftLayer customer portal. This status is reflected in the SoftLayer_User_Customer_Status data type. Permissions differ from user status in that user status applies globally to the portal while user permissions are applied to specific portal functions.
 *
 */

@ApiType("SoftLayer_User_Customer_CustomerPermission_Permission")
public class Permission extends Entity {

    /**
     * A user permission's short name.
     */
    @ApiProperty(canBeNullOrNotSet = true)
    protected String key;

    public String getKey() {
        return key;
    }

    public void setKey(String key) {
        keySpecified = true;
        this.key = key;
    }

    protected boolean keySpecified;

    public boolean isKeySpecified() {
        return keySpecified;
    }

    public void unsetKey() {
        key = null;
        keySpecified = false;
    }

    /**
     * A user permission's key name.
     */
    @ApiProperty(canBeNullOrNotSet = true)
    protected String keyName;

    public String getKeyName() {
        return keyName;
    }

    public void setKeyName(String keyName) {
        keyNameSpecified = true;
        this.keyName = keyName;
    }

    protected boolean keyNameSpecified;

    public boolean isKeyNameSpecified() {
        return keyNameSpecified;
    }

}
public void unsetKeyName() {
    keyName = null;
    keyNameSpecified = false;
}

/**
 * A user permission's name.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String name;

public String getName() {
    return name;
}

public void setName(String name) {
    nameSpecified = true;
    this.name = name;
}

protected boolean nameSpecified;

public boolean isNameSpecified() {
    return nameSpecified;
}

public void unsetName() {
    name = null;
    nameSpecified = false;
}

public static Service service(ApiClient client) {
    return client.createService(Service.class, null);
}

/**
 * Portal account users who are not the master user (account owner) have permissions to allow them access to
 portal functionalities.
 *
 */
@com.softlayer.api.annotation.ApiService("SoftLayer_User_Customer_CustomerPermission_Permission")
public static interface Service extends com.softlayer.api.Service {
    public ServiceAsync asAsync();
}
public Mask withNewMask();
public Mask withMask();
public void setMask(Mask mask);

/**
 * Retrieve all available permissions.
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_User_Customer_CustomerPermission_Permission/getAllObjects">SoftLayer_User_Customer_CustomerPermission_Permission::getAllObjects</a>
 */
@ApiMethod
public List<Permission> getAllObjects();

/**
 * getObject retrieves the SoftLayer_User_Customer_CustomerPermission_Permission object whose ID number corresponds to the ID number of the init parameter passed to the SoftLayer_User_Customer_CustomerPermission_Permission service.
 */
@ApiMethod(instanceRequired = true)
public Permission getObject();

}
public static class Mask extends com.softlayer.api.service.Entity.Mask {

    public Mask key() {
        withLocalProperty("key");
        return this;
    }

    public Mask keyName() {
        withLocalProperty("keyName");
        return this;
    }

    public Mask name() {
        withLocalProperty("name");
        return this;
    }
}

package com.softlayer.api.service.billing.item.software;

import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.billing.Item;
import com.softlayer.api.service.software.AccountLicense;

/**
 * The SoftLayer_Billing_Item_Software_License data type contains general information relating to a single
 * SoftLayer billing item for a software license.
 * *
 * @see &lt;a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_Billing_Item_Software_License"&gt;SoftLayer_Billing_ Item_Software_License&lt;/a&gt;
 * /
 * @ApiType("SoftLayer_Billing_Item_Software_License")
 public class License extends Item {

    /**
     * The resource for a software license billing item.
     * *
     * @ApiProperty
     */
    protected AccountLicense resource;

    public AccountLicense getResource() {
        return resource;
    }
public void setResource(AccountLicense resource) {
    this.resource = resource;
}

public static class Mask extends com.softlayer.api.service.billing.Item.Mask {

    public com.softlayer.api.service.software.AccountLicense.Mask resource() {
        return withSubMask("resource", com.softlayer.api.service.software.AccountLicense.Mask.class);
    }

}

package com.softlayer.api.service.software;

import com.softlayer.api.ApiClient;
import com.softlayer.api.ResponseHandler;
import com.softlayer.api.annotation.ApiMethod;
import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Account;
import com.softlayer.api.service.Entity;
import com.softlayer.api.service.billing.Item;
import com.softlayer.api.service.software.Description;
import java.util.List;
import java.util.concurrent.Future;

/**
 * SoftLayer_Software_AccountLicense is a class that represents software licenses that are tied only to a customer's account and not to any particular hardware, IP address, etc.
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_Software_AccountLicense">SoftLayer_Software_AccountLicense</a>
 */
@ApiType("SoftLayer_Software_AccountLicense")
public class AccountLicense extends Entity {

    /**
     * The customer account this Account License belongs to.
     */
    @ApiProperty
    protected Account account;

    public Account getAccount() {
        return account;
    }
public void setAccount(Account account) {
    this.account = account;
}

/**
 * The billing item for a software account license.
 */
@ApiProperty
protected Item billingItem;

public Item getBillingItem() {
    return billingItem;
}

public void setBillingItem(Item billingItem) {
    this.billingItem = billingItem;
}

/**
 * The SoftLayer_Software_Description that this account license is for.
 */
@ApiProperty
protected Description softwareDescription;

public Description getSoftwareDescription() {
    return softwareDescription;
}

public void setSoftwareDescription(Description softwareDescription) {
    this.softwareDescription = softwareDescription;
}

/**
 * The ID of the SoftLayer Account to which this Account License belongs to.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long accountId;

public Long getAccountId() {
    return accountId;
}

public void setAccountId(Long accountId) {
    accountIdSpecified = true;
    this.accountId = accountId;
}
protected boolean accountIdSpecified;

public boolean isAccountIdSpecified() {
    return accountIdSpecified;
}

public void unsetAccountId() {
    accountId = null;
    accountIdSpecified = false;
}

/**
 * Some Account Licenses have capacity information such as CPU specified in the units key. This provides the
 numerical representation of the capacity of the units.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String capacity;

public String getCapacity() {
    return capacity;
}

public void setCapacity(String capacity) {
    capacitySpecified = true;
    this.capacity = capacity;
}

protected boolean capacitySpecified;

public boolean isCapacitySpecified() {
    return capacitySpecified;
}

public void unsetCapacity() {
    capacity = null;
    capacitySpecified = false;
}

/**
 * The License Key for this specific Account License.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String key;

public String getKey() {
    return key;
}
public void setKey(String key) {
    keySpecified = true;
    this.key = key;
}

protected boolean keySpecified;

public boolean isKeySpecified() {
    return keySpecified;
}

public void unsetKey() {
    key = null;
    keySpecified = false;
}

/**
 * The unit of measurement that an account license has the capacity of.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String units;

public String getUnits() {
    return units;
}

public void setUnits(String units) {
    unitsSpecified = true;
    this.units = units;
}

protected boolean unitsSpecified;

public boolean isUnitsSpecified() {
    return unitsSpecified;
}

public void unsetUnits() {
    units = null;
    unitsSpecified = false;
}

public static Service service(ApiClient client) {
    return client.createService(Service.class, null);
}

/**
* SoftLayer_Software_AccountLicense is the application class that handles a special type of Software License. Most software licenses are licensed to a specific hardware ID or IP address, this is tied to an account.

* @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_AccountLicense">SoftLayer_Software_AccountLicense</a>

@com.softlayer.api.annotation.ApiService("SoftLayer_Software_AccountLicense")
public static interface Service extends com.softlayer.api.Service {

    public ServiceAsync asAsync();
    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_AccountLicense/getAllObjects">SoftLayer_Software_AccountLicense::getAllObjects</a>
     */
    @ApiMethod
    public List<AccountLicense> getAllObjects();

    /**
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_AccountLicense/getObject">SoftLayer_Software_AccountLicense::getObject</a>
     */
    @ApiMethod(instanceRequired = true)
    public AccountLicense getObject();

    /**
     * The customer account this Account License belongs to.
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_AccountLicense/getAccount">SoftLayer_Software_AccountLicense::getAccount</a>
     */
    @ApiMethod(instanceRequired = true)
    public Account getAccount();

    /**
     * The billing item for a software account license.
     * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_AccountLicense/getBillingItem">SoftLayer_Software_AccountLicense::getBillingItem</a>
     */
@ApiMethod(instanceRequired = true)
public Item getBillingItem();

/**
 * The SoftLayer_Software_Description that this account license is for.
 *
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_AccountLicense/getSoftwareDescription">SoftLayer_Software_AccountLicense::getSoftwareDescription</a>
 */
@ApiMethod(instanceRequired = true)
public Description getSoftwareDescription();

public static interface ServiceAsync extends com.softlayer.api.ServiceAsync {

    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     * Async version of [@link Service#getAllObjects]
     */
    public Future<List<AccountLicense>> getAllObjects();

    public Future<?> getAllObjects(ResponseHandler<List<AccountLicense>> callback);

    /**
     * Async version of [@link Service#getObject]
     */
    public Future<AccountLicense> getObject();

    public Future<?> getObject(ResponseHandler<AccountLicense> callback);

    /**
     * Async version of [@link Service#getAccount]
     */
    public Future<Account> getAccount();

    /**
     * Async callback version of [@link Service#getAccount]
     */
    public Future<?> getAccount(ResponseHandler<Account> callback);

    /**
     * Async version of [@link Service#getBillingItem]
     */
}
public Future<Item> getBillingItem();

/**
 * Async callback version of {@link Service#getBillingItem}
 */
public Future<?> getBillingItem(ResponseHandler<Item> callback);

/**
 * Async version of {@link Service#getSoftwareDescription}
 */
public Future<Description> getSoftwareDescription();

/**
 * Async callback version of {@link Service#getSoftwareDescription}
 */
public Future<?> getSoftwareDescription(ResponseHandler<Description> callback);

}

public static class Mask extends com.softlayer.api.service.Entity.Mask {

    public com.softlayer.api.service.Account.Mask account() {
        return withSubMask("account", com.softlayer.api.service.Account.Mask.class);
    }

    public com.softlayer.api.service.billing.Item.Mask billingItem() {
        return withSubMask("billingItem", com.softlayer.api.service.billing.Item.Mask.class);
    }

    public Description.Mask softwareDescription() {
        return withSubMask("softwareDescription", Description.Mask.class);
    }

    public Mask accountId() {
        withLocalProperty("accountId");
        return this;
    }

    public Mask capacity() {
        withLocalProperty("capacity");
        return this;
    }

    public Mask key() {
        withLocalProperty("key");
        return this;
    }
}
public Mask units() {  
    withLocalProperty("units");  
    return this;  
}

}

package com.softlayer.api.service.software;

import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Account;
import com.softlayer.api.service.Entity;
import com.softlayer.api.service.software.Description;

/**
 * This class describes a specific type of license, like a Microsoft Windows Site License, a GPL license, or a license
 * of another type.
 *  
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_Software_License">SoftLayer_Software_License</a>
 */
@ApiType("SoftLayer_Software_License")
public class License extends Entity {

    /**
     * The account that owns this specific License instance.
     */
    @ApiProperty
    protected Account account;

    public Account getAccount() {
        return account;
    }

    public void setAccount(Account account) {
        this.account = account;
    }

    /**
     * The account that owns this specific License instance.
     */
    @ApiProperty
    protected Account owner;

    public Account getOwner() {

        return owner;
    }

    public void setOwner(Account owner) {
        this.owner = owner;
    }

    /**
     * A Description of the software that this license instance is valid for.
     */
    @ApiProperty
    protected Description softwareDescription;

    public Description getSoftwareDescription() {
        return softwareDescription;
    }

    public void setSoftwareDescription(Description softwareDescription) {
        this.softwareDescription = softwareDescription;
    }

    /**
     * An ID number for this specific License type.
     */
    @ApiProperty(canBeNullOrNotSet = true)
    protected Long id;

    public Long getId() {
        return id;
    }

    public void setId(Long id) {
        idSpecified = true;
        this.id = id;
    }

    protected boolean idSpecified;

    public boolean isIdSpecified() {
        return idSpecified;
    }

    public void unsetId() {
        id = null;
        idSpecified = false;
    }

    /**
* The ID number of a Software Description that this specific license is valid for.

*/

@ApiProperty(canBeNullOrNotSet = true)
protected Long softwareDescriptionId;

public Long getSoftwareDescriptionId() {
    return softwareDescriptionId;
}

public void setSoftwareDescriptionId(Long softwareDescriptionId) {
    softwareDescriptionIdSpecified = true;
    this.softwareDescriptionId = softwareDescriptionId;
}

protected boolean softwareDescriptionIdSpecified;

public boolean isSoftwareDescriptionIdSpecified() {
    return softwareDescriptionIdSpecified;
}

public void unsetSoftwareDescriptionId() {
    softwareDescriptionId = null;
    softwareDescriptionIdSpecified = false;
}

public static class Mask extends com.softlayer.api.service.Entity.Mask {

    public com.softlayer.api.service.Account.Mask account() {
        return withSubMask("account", com.softlayer.api.service.Account.Mask.class);
    }

    public com.softlayer.api.service.Account.Mask owner() {
        return withSubMask("owner", com.softlayer.api.service.Account.Mask.class);
    }

    public Description.Mask softwareDescription() {
        return withSubMask("softwareDescription", Description.Mask.class);
    }

    public Mask id() {
        withLocalProperty("id");
        return this;
    }

    public Mask softwareDescriptionId() {
        withLocalProperty("softwareDescriptionId");
        return this;
    }
}
package com.softlayer.api.service.software;

import com.softlayer.api.ApiClient;
import com.softlayer.api.ResponseHandler;
import com.softlayer.api.annotation.ApiMethod;
import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Account;
import com.softlayer.api.service.Entity;
import com.softlayer.api.service.billing.Item;
import com.softlayer.api.service.hardware.Server;
import com.softlayer.api.service.network.Subnet;
import com.softlayer.api.service.network.subnet.IpAddress;
import com.softlayer.api.service.software.Description;
import java.util.concurrent.Future;

/**
 * SoftLayer_Software_VirtualLicense is the application class that handles a special type of Software License. Most
software licenses are licensed to a specific hardware ID; virtual licenses are designed for virtual machines and
therefore are assigned to an IP Address. Not all software packages can be "virtual licensed".
 *
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_Software_VirtualLicense">SoftLayer_Software_Virt
ualLicense</a>
 */
@ApiType("SoftLayer_Software_VirtualLicense")
public class VirtualLicense extends Entity {

/**
 * The customer account this Virtual License belongs to.
 */
@ApiProperty
protected Account account;

public Account getAccount() {
    return account;
}

public void setAccount(Account account) {
    this.account = account;
}

/**
 * The billing item for a software virtual license.
 */
/*

@ApiModelProperty
protected Item billingItem;

public Item getBillingItem() {
    return billingItem;
}

public void setBillingItem(Item billingItem) {
    this.billingItem = billingItem;
}

/**
 * The hardware record to which the software virtual license is assigned.
 */

@ApiModelProperty
protected Server hostHardware;

public Server getHostHardware() {
    return hostHardware;
}

public void setHostHardware(Server hostHardware) {
    this.hostHardware = hostHardware;
}

/**
 * The IP Address record associated with a virtual license.
 */

@ApiModelProperty
protected IpAddress ipAddressRecord;

public IpAddress getIpAddressRecord() {
    return ipAddressRecord;
}

public void setIpAddressRecord(IpAddress ipAddressRecord) {
    this.ipAddressRecord = ipAddressRecord;
}

/**
 * The SoftLayer_Software_Description that this virtual license is for.
 */

@ApiModelProperty
protected Description softwareDescription;

public Description getSoftwareDescription() {
    return softwareDescription;
}
public void setSoftwareDescription(Description softwareDescription) {
    this.softwareDescription = softwareDescription;
}

/**
 * The subnet this Virtual License's IP address belongs to.
 */
@ApiProperty
protected Subnet subnet;

public Subnet getSubnet() {
    return subnet;
}

public void setSubnet(Subnet subnet) {
    this.subnet = subnet;
}

/**
 * The ID of the SoftLayer Account to which this Virtual License belongs to.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long accountId;

public Long getAccountId() {
    return accountId;
}

public void setAccountId(Long accountId) {
    accountIdSpecified = true;
    this.accountId = accountId;
}

protected boolean accountIdSpecified;

public boolean isAccountIdSpecified() {
    return accountIdSpecified;
}

public void unsetAccountId() {
    accountId = null;
    accountIdSpecified = false;
}

/**
 * The ID of the SoftLayer Hardware Server record to which this Virtual License belongs.
 */
protected Long hostHardwareId;

public Long getHostHardwareId() {
    return hostHardwareId;
}

public void setHostHardwareId(Long hostHardwareId) {
    hostHardwareIdSpecified = true;
    this.hostHardwareId = hostHardwareId;
}

protected boolean hostHardwareIdSpecified;

public boolean isHostHardwareIdSpecified() {
    return hostHardwareIdSpecified;
}

public void unsetHostHardwareId() {
    hostHardwareId = null;
    hostHardwareIdSpecified = false;
}

/**
 * An ID number for this Virtual License instance.
 */

protected Long id;

public Long getId() {
    return id;
}

public void setId(Long id) {
    idSpecified = true;
    this.id = id;
}

protected boolean idSpecified;

public boolean isIdSpecified() {
    return idSpecified;
}

public void setId() {
    id = null;
    idSpecified = false;
/**
 * The specific IP address this Virtual License belongs to.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String ipAddress;

public String getIpAddress() {
    return ipAddress;
}

public void setIpAddress(String ipAddress) {
    ipAddressSpecified = true;
    this.ipAddress = ipAddress;
}

protected boolean ipAddressSpecified;

public boolean isIpAddressSpecified() {
    return ipAddressSpecified;
}

public void unsetIpAddress() {
    ipAddress = null;
    ipAddressSpecified = false;
}

/**
 * The License Key for this specific Virtual License.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String key;

public String getKey() {
    return key;
}

public void setKey(String key) {
    keySpecified = true;
    this.key = key;
}

protected boolean keySpecified;

public boolean isKeySpecified() {
    return keySpecified;
}
public void unsetKey() {
    key = null;
    keySpecified = false;
}

/**
 * A "notes" string attached to this specific Virtual License.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected String notes;

public String getNotes() {
    return notes;
}

public void setNotes(String notes) {
    notesSpecified = true;
    this.notes = notes;
}

protected boolean notesSpecified;

public boolean isNotesSpecified() {
    return notesSpecified;
}

public void unsetNotes() {
    notes = null;
    notesSpecified = false;
}

/**
 * The Software Description ID this Virtual License is for.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long softwareDescriptionId;

public Long getSoftwareDescriptionId() {
    return softwareDescriptionId;
}

public void setSoftwareDescriptionId(Long softwareDescriptionId) {
    softwareDescriptionIdSpecified = true;
    this.softwareDescriptionId = softwareDescriptionId;
}

protected boolean softwareDescriptionIdSpecified;
public boolean isSoftwareDescriptionIdSpecified() {
    return softwareDescriptionIdSpecified;
}

public void unsetSoftwareDescriptionId() {
    softwareDescriptionId = null;
    softwareDescriptionIdSpecified = false;
}

/**
 * The ID of the SoftLayer Network Subnet this Virtual License belongs to.
 */
@ApiProperty(canBeNullOrNotSet = true)
protected Long subnetId;

public Long getSubnetId() {
    return subnetId;
}

public void setSubnetId(Long subnetId) {
    subnetIdSpecified = true;
    this.subnetId = subnetId;
}

protected boolean subnetIdSpecified;

public boolean isSubnetIdSpecified() {
    return subnetIdSpecified;
}

public void unsetSubnetId() {
    subnetId = null;
    subnetIdSpecified = false;
}

public Service asService(ApiClient client) {
    return service(client, id);
}

public static Service service(ApiClient client) {
    return client.createService(Service.class, null);
}

public static Service service(ApiClient client, Long id) {
    return client.createService(Service.class, id == null ? null : id.toString());
}
SoftLayer_Software_VirtualLicense is the application class that handles a special type of Software License. Most software licenses are licensed to a specific hardware ID; virtual licenses are designed for virtual machines and therefore are assigned to an IP Address. Not all software packages can be "virtual licensed".

SoftLayer_Software_VirtualLicense's service allows you to retrieve the hard-copy license file for a virtual license, if one exists for your license instance.

You can also retrieve the subnet that the IP to which a software virtual license is licensed upon exists in, as well as the software description that this virtual license is for.

@see http://sldn.softlayer.com/reference/services/SoftLayer_Software_VirtualLicense

public static interface Service extends com.softlayer.api.Service {

  public ServiceAsync asAsync();
  public Mask withNewMask();
  public Mask withMask();
  public void setMask(Mask mask);

  /**
   * Attempt to retrieve the file associated with a virtual license, if such a file exists. If there is no file for this virtual license, calling this method will either throw an exception or return false.
   *
   * @see http://sldn.softlayer.com/reference/services/SoftLayer_Software_VirtualLicense/getLicenseFile
   */
  @ApiMethod(instanceRequired = true)
  public byte[] getLicenseFile();

  /**
   * getObject retrieves the SoftLayer_Software_VirtualLicense object whose ID number corresponds to the ID number of the init parameter passed to the SoftLayer_Software_VirtualLicense service. You can only retrieve Virtual Licenses assigned to your account number.
   *
   * @see http://sldn.softlayer.com/reference/services/SoftLayer_Software_VirtualLicense/getObject
   */
  @ApiMethod(instanceRequired = true)
  public VirtualLicense getObject();

  /**
   * The customer account this Virtual License belongs to.
   */
public Account getAccount();

/**
 * The billing item for a software virtual license.
 *
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_VirtualLicense/getBillingItem">SoftLayer_Software_VirtualLicense::getBillingItem</a>
 */
public Item getBillingItem();

/**
 * The hardware record to which the software virtual license is assigned.
 *
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_VirtualLicense/getHostHardware">SoftLayer_Software_VirtualLicense::getHostHardware</a>
 */
public Server getHostHardware();

/**
 * The IP Address record associated with a virtual license.
 *
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_VirtualLicense/getIpAddressRecord">SoftLayer_Software_VirtualLicense::getIpAddressRecord</a>
 */
public IpAddress getIpAddressRecord();

/**
 * The SoftLayer_Software_Description that this virtual license is for.
 *
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_VirtualLicense/getSoftwareDescription">SoftLayer_Software_VirtualLicense::getSoftwareDescription</a>
 */
public Description getSoftwareDescription();
/**
 * The subnet this Virtual License’s IP address belongs to.
 *
 * @see <a href="http://sldn.softlayer.com/reference/services/SoftLayer_Software_VirtualLicense/getSubnet">SoftLayer_Software_VirtualLicense::getSubnet</a>
 */
 @ApiMethod(instanceRequired = true)
 public Subnet getSubnet();

public static interface ServiceAsync extends com.softlayer.api.ServiceAsync {

    public Mask withNewMask();
    public Mask withMask();
    public void setMask(Mask mask);

    /**
     * Async version of [@link Service#getLicenseFile]
     */
    public Future<byte[]> getLicenseFile();

    public Future<?> getLicenseFile(ResponseHandler<byte[]> callback);

    /**
     * Async version of [@link Service#getObject]
     */
    public Future<VirtualLicense> getObject();

    public Future<?> getObject(ResponseHandler<VirtualLicense> callback);

    /**
     * Async version of [@link Service#getAccount]
     */
    public Future<Account> getAccount();

    /**
     * Async callback version of [@link Service#getAccount]
     */
    public Future<?> getAccount(ResponseHandler<Account> callback);

    /**
     * Async version of [@link Service#getBillingItem]
     */
    public Future<Item> getBillingItem();

    /**/
public class Mask extends com.softlayer.api.service.Entity.Mask {

    /**
     * Async version of [link Service#getBillingItem]
     */
    public Future<?> getBillingItem(ResponseHandler<Item> callback);

    /**
     * Async version of [link Service#getHostHardware]
     */
    public Future<Server> getHostHardware();

    /**
     * Async callback version of [link Service#getHostHardware]
     */
    public Future<?> getHostHardware(ResponseHandler<Server> callback);

    /**
     * Async version of [link Service#getIpAddressRecord]
     */
    public Future<IpAddress> getIpAddressRecord();

    /**
     * Async callback version of [link Service#getIpAddressRecord]
     */
    public Future<?> getIpAddressRecord(ResponseHandler<IpAddress> callback);

    /**
     * Async version of [link Service#getSoftwareDescription]
     */
    public Future<Description> getSoftwareDescription();

    /**
     * Async callback version of [link Service#getSoftwareDescription]
     */
    public Future<?> getSoftwareDescription(ResponseHandler<Description> callback);

    /**
     * Async version of [link Service#getSubnet]
     */
    public Future<Subnet> getSubnet();

    /**
     * Async callback version of [link Service#getSubnet]
     */
    public Future<?> getSubnet(ResponseHandler<Subnet> callback);

}

public static class Mask extends com.softlayer.api.service.Entity.Mask {

    public Future<?> getBillingItem(ResponseHandler<Item> callback);

    public Future<Server> getHostHardware();

    public Future<?> getHostHardware(ResponseHandler<Server> callback);

    public Future<IpAddress> getIpAddressRecord();

    public Future<?> getIpAddressRecord(ResponseHandler<IpAddress> callback);

    public Future<Description> getSoftwareDescription();

    public Future<?> getSoftwareDescription(ResponseHandler<Description> callback);

    public Future<Subnet> getSubnet();

    public Future<?> getSubnet(ResponseHandler<Subnet> callback);

}
public com.softlayer.api.service.Account.Mask account() {
    return withSubMask("account", com.softlayer.api.service.Account.Mask.class);
}

public com.softlayer.api.service.billing.Item.Mask billingItem() {
    return withSubMask("billingItem", com.softlayer.api.service.billing.Item.Mask.class);
}

public com.softlayer.api.service.hardware.Server.Mask hostHardware() {
    return withSubMask("hostHardware", com.softlayer.api.service.hardware.Server.Mask.class);
}

public com.softlayer.api.service.network.subnet.IpAddress.Mask ipAddressRecord() {
    return withSubMask("ipAddressRecord", com.softlayer.api.service.network.subnet.IpAddress.Mask.class);
}

public Description.Mask softwareDescription() {
    return withSubMask("softwareDescription", Description.Mask.class);
}

public com.softlayer.api.service.network.Subnet.Mask subnet() {
    return withSubMask("subnet", com.softlayer.api.service.network.Subnet.Mask.class);
}

public Mask accountId() {
    withLocalProperty("accountId");
    return this;
}

public Mask hostHardwareId() {
    withLocalProperty("hostHardwareId");
    return this;
}

public Mask id() {
    withLocalProperty("id");
    return this;
}

public Mask ipAddress() {
    withLocalProperty("ipAddress");
    return this;
}

public Mask key() {
    withLocalProperty("key");
    return this;
}
public Mask notes() {
    withLocalProperty("notes");
    return this;
}

public Mask softwareDescriptionId() {
    withLocalProperty("softwareDescriptionId");
    return this;
}

public Mask subnetId() {
    withLocalProperty("subnetId");
    return this;
}

package com.softlayer.api.service.legal;

import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Account;
import com.softlayer.api.service.Entity;
import com.softlayer.api.service.legal.regulatedworkload.Type;

/**
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_Legal_RegulatedWorkload">SoftLayer_Legal_RegulatedWorkload</a>
 */
@ApiType("SoftLayer_Legal_RegulatedWorkload")
public class RegulatedWorkload extends Entity {

    @ApiProperty
    protected Account account;

    public Account getAccount() {
        return account;
    }

    public void setAccount(Account account) {
        this.account = account;
    }

    @ApiProperty
    protected Type type;
public Type getType() {
    return type;
}

public void setType(Type type) {
    this.type = type;
}

@ApiProperty(canBeNullOrNotSet = true)
protected Long accountId;

public Long getAccountId() {
    return accountId;
}

public void setAccountId(Long accountId) {
    accountIdSpecified = true;
    this.accountId = accountId;
}

protected boolean accountIdSpecified;

public boolean isAccountIdSpecified() {
    return accountIdSpecified;
}

public void unsetAccountId() {
    accountId = null;
    accountIdSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected Boolean enabledFlag;

public Boolean getEnabledFlag() {
    return enabledFlag;
}

public void setEnabledFlag(Boolean enabledFlag) {
    enabledFlagSpecified = true;
    this.enabledFlag = enabledFlag;
}

protected boolean enabledFlagSpecified;

public boolean isEnabledFlagSpecified() {
    return enabledFlagSpecified;
public void unsetEnabledFlag() {
    enabledFlag = null;
    enabledFlagSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected Long id;

public Long getId() {
    return id;
}

public void setId(Long id) {
    idSpecified = true;
    this.id = id;
}

protected boolean idSpecified;

public boolean isIdSpecified() {
    return idSpecified;
}

public void unsetId() {
    id = null;
    idSpecified = false;
}

@ApiProperty(canBeNullOrNotSet = true)
protected Long workloadTypeId;

public Long getWorkloadTypeId() {
    return workloadTypeId;
}

public void setWorkloadTypeId(Long workloadTypeId) {
    workloadTypeIdSpecified = true;
    this.workloadTypeId = workloadTypeId;
}

protected boolean workloadTypeIdSpecified;

public boolean isWorkloadTypeIdSpecified() {
    return workloadTypeIdSpecified;
}
public void unsetWorkloadTypeId() {
    workloadTypeId = null;
    workloadTypeIdSpecified = false;
}

public static class Mask extends com.softlayer.api.service.Entity.Mask {

    public com.softlayer.api.service.Account.Mask account() {
        return withSubMask("account", com.softlayer.api.service.Account.Mask.class);
    }

    public com.softlayer.api.service.legal.regulatedworkload.Type.Mask type() {
        return withSubMask("type", com.softlayer.api.service.legal.regulatedworkload.Type.Mask.class);
    }

    public Mask accountId() {
        withLocalProperty("accountId");
        return this;
    }

    public Mask enabledFlag() {
        withLocalProperty("enabledFlag");
        return this;
    }

    public Mask id() {
        withLocalProperty("id");
        return this;
    }

    public Mask workloadTypeId() {
        withLocalProperty("workloadTypeId");
        return this;
    }

}

package com.softlayer.api.service.legal.regulatedworkload;

import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.Entity;

/**
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_Legal_RegulatedWorkload_Type">SoftLayer_Legal_RegulatedWorkload_Type</a>
 */
/*
@ApiType("SoftLayer_Legal_RegulatedWorkload_Type")
public class Type extends Entity {

    @ApiProperty(canBeNullOrNotSet = true)
    protected Long id;

    public Long getId() {
        return id;
    }

    public void setId(Long id) {
        idSpecified = true;
        this.id = id;
    }

    protected boolean idSpecified;

    public boolean isIdSpecified() {
        return idSpecified;
    }

    public void unsetId() {
        id = null;
        idSpecified = false;
    }

    @ApiProperty(canBeNullOrNotSet = true)
    protected String keyName;

    public String getKeyName() {
        return keyName;
    }

    public void setKeyName(String keyName) {
        keyNameSpecified = true;
        this.keyName = keyName;
    }

    protected boolean keyNameSpecified;

    public boolean isKeyNameSpecified() {
        return keyNameSpecified;
    }

    public void unsetKeyName() {
        keyName = null;
        keyNameSpecified = false;
    }
*/
@ApiProperty(canBeNullOrNotSet = true)
protected String name;

public String getName() {
    return name;
}

public void setName(String name) {
    nameSpecified = true;
    this.name = name;
}

protected boolean nameSpecified;

public boolean isNameSpecified() {
    return nameSpecified;
}

public void unsetName() {
    name = null;
    nameSpecified = false;
}

public static class Mask extends com.softlayer.api.service.Entity.Mask {
    
    public Mask id() {
        withLocalProperty("id");
        return this;
    }

    public Mask keyName() {
        withLocalProperty("keyName");
        return this;
    }

    public Mask name() {
        withLocalProperty("name");
        return this;
    }

}

package com.softlayer.api.service.container.product.order.software;

import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.container.product.Order;

/**
 * This is the datatype that needs to be populated and sent to SoftLayer_Product_Order::placeOrder. This datatype
 has everything required to place a hardware security module order with SoftLayer.
 *
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_Container_Product_Order_Software_License">SoftLayer_Container_Product_Order_Software_License</a>
 */
@ApiType("SoftLayer_Container_Product_Order_Software_License")
public class License extends Order {

    public static class Mask extends com.softlayer.api.service.container.product.Order.Mask {
    }
}

package com.softlayer.api.service.product.item.rule.resource;

import com.softlayer.api.annotation.ApiProperty;
import com.softlayer.api.annotation.ApiType;
import com.softlayer.api.service.product.item.rule.Resource;

/**
 * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_Product_Item_Rule_Resource_Permission">SoftLayer_Product_Item_Rule_Resource_Permission</a>
 */
@ApiType("SoftLayer_Product_Item_Rule_Resource_Permission")
public class Permission extends Resource {

    /**
     * @see <a href="http://sldn.softlayer.com/reference/datatypes/SoftLayer_Product_Item_Rule_Resource_Permission">SoftLayer_Product_Item_Rule_Resource_Permission</a>
     */
    @ApiType("SoftLayer_Product_Item_Rule_Resource_Permission")
    public class Permission extends Resource {

        /**
         * A user permission that the associated rule applies to.
         */
        @ApiProperty
        protected com.softlayer.api.service.user.customer.customerpermission.Permission resource;

        public com.softlayer.api.service.user.customer.customerpermission.Permission getResource() {
            return resource;
        }

        public void setResource(com.softlayer.api.service.user.customer.customerpermission.Permission resource) {
            this.resource = resource;
        }

        public static class Mask extends com.softlayer.api.service.product.item.rule.Resource.Mask {

public com.softlayer.api.service.user.customer.customerpermission.Permission.Mask resource() {
    return withSubMask("resource",
    com.softlayer.api.service.user.customer.customerpermission.Permission.Mask.class);
}
}

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>>> Maven Settings Builder (org.apache.maven:maven-settings-builder)
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>>> JOpt Simple (net.sf.jopt-simple:jopt-simple)
>>> ASM 4.0 (org.ow2.asm:asm)
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>>> Apache Commons Codec (commons-codec:commons-codec)
>>> Apache HttpClient (org.apache.httpcomponents:httpclient)
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>>> Apache Commons Logging (commons-logging:commons-logging)
>>> Apache Groovy (org.codehaus.groovy:groovy)
>>> Maven Aether Provider (org.apache.maven:maven-aether-provider)
>>> Maven Model (org.apache.maven:maven-model)
>>> Maven Model Builder (org.apache.maven:maven-model-builder)
>>> Maven Repository Metadata Model (org.apache.maven:maven-repository-metadata)
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1.4.4.RELEASE
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<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">

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</head>

<body>

<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
</button>
</div>
</div>
</nav>
</header>

"Open Source Used In CloudCenter 4.9"
<li><a href="/foundation/contributing.html">Donations</a></li>
<li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
<li><a href="/foundation/thanks.html">Thanks</a></li>
</ul>
</li>
</div>
</div>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
<div class="col-md-9 col-sm-8 col-xs-12">
<img src="/img/asf_logo.png" alt="Apache Logo" style="max-width: 100%;">
<a href="http://apache.org/foundation/contributing.html" title="Support Apache" style="margin-left: 150px;">
<img src="/images/SupportApache-small.png" style="height: 150px; width: 150px;">
</a>
</div>
<div class="col-md-3 col-sm-4 col-xs-12">
<div class="input-group" style="margin-bottom: 5px;">
<script>
(function() {
 var cx = '005703438322411770421:5mgshgrgx2u';
 var gcse = document.createElement('script');
 gcse.type = 'text/javascript';
 gcse.async = true;
 gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') + '://cse.google.com/cse.js?cx=' + cx;
 var s = document.getElementsByTagName('script')[0];
 s.parentNode.insertBefore(gcse, s);
})();
</script>
<gcse:searchbox-only></gcse:searchbox-only>
</div>
<a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
<a role="button" class="btn btn-block btn-default btn-xs" href="https://community.apache.org/contributors/">Contribute</a>
<a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
</div>

/* The following code is added by mdx_elementid.py */
It was originally lifted from http://subversion.apache.org/style/site.css */
*/
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
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> JSON library from Android SDK (com.vaadin.external.google:android-json)
> Apache Commons Codec (commons-codec:commons-codec)
> Apache HttpClient (org.apache.httpcomponents:httpclient)
> Apache HttpCore (org.apache.httpcomponents:httpcore)
> Plexus Cipher: encryption/decryption Component (org.sonatype.plexus:plexus-cipher)
> Plexus Security Dispatcher Component (org.sonatype.plexus:plexus-sec-dispatcher)
> Apache Commons Logging (commons logging:commons logging)
> Apache Groovy (org.codehaus.groovy:groovy)
> Maven Aether Provider (org.apache.maven:aether-provider)
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> Maven Settings (org.apache.maven:maven-settings)
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> Plexus :: Component Annotations (org.codehaus.plexus:plexus-component-annotations)
> Plexus Common Utilities (org.codehaus.plexus:plexus-utils)
> Plexus Component API (org.codehaus.plexus:plexus-component-api)
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> Aether Implementation (org.eclipse.aether:aether-impl)
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>>> ASM 4.0 (org.ow2.asm:asm)

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>>> Plexus Common Utilities (org.codehaus.plexus:plexus-utils)
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1.494 spring-boot-starter-tomcat

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Spring Boot CLI
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>>> JOpt Simple (net.sf.jopt-simple:jopt-simple)
>>> ASM 4.0 (org.ow2.asm:asm)

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>>> JSON library from Android SDK (com.vaadin.external.google:android-json)
>>> Apache Commons Codec (commons-codec:commons-codec)
>>> Apache HttpClient (org.apache.httpcomponents:httpclient)
>>> Apache HttpCore (org.apache.httpcomponents:httpcore)
>>> Plexus Cipher: encryption/decryption Component (org.sonatype.plexus:plexus-cipher)
>>> Plexus Security Dispatcher Component (org.sonatype.plexus:plexus-sec-dispatcher)
>>> Apache Commons Logging (commons-logging:commons-logging)
>>> Apache Groovy (org.codehaus.groovy:groovy)
>>> Maven Aether Provider (org.apache.maven:maven-aether-provider)
>>> Maven Model (org.apache.maven:maven-model)
>>> Maven Model Builder (org.apache.maven:maven-model-builder)
>>> Maven Repository Metadata Model (org.apache.maven:maven-repository-metadata)
>>> Maven Settings (org.apache.maven:maven-settings)
>>> Maven Settings Builder (org.apache.maven:maven-settings-builder)
>>> Plexus :: Component Annotations (org.codehaus.plexus:plexus-component-annotations)
>>> Plexus Common Utilities (org.codehaus.plexus:plexus-utils)
>>> Plexus Component API (org.codehaus.plexus:plexus-component-api)
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>>> Aether Connector Basic (org.eclipse.aether:aether-connector-basic)
>>> Aether Implementation (org.eclipse.aether:aether-impl)
>>> Aether SPI (org.eclipse.aether:aether-spi)
Aether Transport File (org.eclipse.aether:aether-transport-file)
Aether Transport HTTP (org.eclipse.aether:aether-transport-http)
Aether Utilities (org.eclipse.aether:aether-util)

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>>> org.apache.httpcomponents:httpcore
>>> org.sonatype.plexus:plexus-cipher
>>> org.sonatype.plexus:plexus-sec-dispatcher
>>> commons-logging:commons-logging
>>> org.codehaus.groovy:groovy
>>> org.apache.maven:maven-aether-provider
>>> org.apache.maven:maven-model
>>> org.apache.maven:maven-model-builder
>>> org.apache.maven:maven-repository-metadata
>>> org.apache.maven:maven-settings
>>> org.apache.maven:maven-settings-builder
>>> org.codehaus.plexus:plexus-component-annotations
>>> org.codehaus.plexus:plexus-utils
>>> org.codehaus.plexus:plexus-component-api
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>>> org.eclipse.aether:aether-impl
>>> org.eclipse.aether:aether-spi
>>> org.eclipse.aether:aether-transport-file
>>> org.eclipse.aether:aether-transport-http
>>> org.eclipse.aether:aether-util

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1.499 spring-cloud-commons 1.2.4

1.500 spring-cloud-config-client 1.1.3

1.501 spring-cloud-config-server 1.1.3

1.502 spring-cloud-context 1.2.4

1.503 spring-cloud-netflix-core
1.3.1.RELEASE

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1.504 spring-cloud-starter 1.2.2.RELEASE

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<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
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<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700' rel='stylesheet' type='text/css'>
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1.505 spring-cloud-starter-config 1.1.3

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<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
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<meta name="theme-color" content="#303284">
<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700' rel='stylesheet' type='text/css'/>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">
</head>
</html>

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</head>

<body>

<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a> &raquo <a href="/licenses/">Licenses</a></div>
<ul class="nav navbar-nav navbar-right">
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="/foundation/">Overview</a></li>
<li><a href="/foundation/members.html">Members</a></li>
<li><a href="/foundation/how-it-works.html">Process</a></li>
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html">Contact</a></li>
</ul>
</li>
<li><a href="/index.html#projects-list">Projects</a></li>
<li class="dropdown">
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<ul class="dropdown-menu" role="menu">
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<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
<li><a href="http://planet.apache.org/">Planet Apache</a></li>
</ul>
</li>
</ul>
</div>
</div>
</header>
</body>
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</head>

<body>

<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a href="/licenses/">Licenses</a></div>
<ul class="nav navbar-nav navbar-right">
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="/foundation">Overview</a></li>
<li><a href="/foundation/members.html">Members</a></li>
<li><a href="/foundation/how-it-works.html">Process</a></li>
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html">Contact</a></li>
</ul>
</li>
<li><a href="/index.html#projects-list">Projects</a></li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="http://people.apache.org/">Overview</a></li>
<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
</ul>
</li>
</ul>
</div>
</nav>
</header>
<li><a href="http://planet.apache.org/">Planet Apache</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
    <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</header>
<!-- / Navigation -->
<div class="container">
  <div class="row">
    <div class="col-md-9 col-sm-8 col-xs-12">
      <img src="/img/asf_logo.png" alt="Apache Logo" style="max-width: 100%;">
      <a href="http://apache.org/foundation/contributing.html" title="Support Apache" style="margin-left: 150px;">
        <img src="/images/SupportApache-small.png" style="height: 150px; width: 150px;">
      </a>
    </div>
    <div class="col-md-3 col-sm-4 col-xs-12">
      <div class="input-group" style="margin-bottom: 5px;">
        <script>
          (function() {
            var cx = '00570343832241770421:5mgshgrgx2u';
            var gcse = document.createElement('script');
            gcse.type = 'text/javascript';
            gcse.async = true;
            gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') + '://cse.google.com/cse.js?cx=' + cx;
          })();
        </script>
      </div>
    </div>
  </div>
</div>
var s = document.getElementsByTagName('script')[0];
  s.parentNode.insertBefore(gcse, s);
});
</script>
</div>

<a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
<a role="button" class="btn btn-block btn-default btn-xs" href="https://community.apache.org/contributors/">Contribute</a>
<a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
</div>
</div>
</div>
</div><div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
   It was originally lifted from http://subversion.apache.org/style/site.css */
/*
 * Hide class="elementid-permalink", except when an enclosing heading
 * has the :hover property.
 */
.headerlink, .elementid-permalink {
  visibility: hidden;
}
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</head>

<body>

<!-- Navigation -->

<header>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>
</button>

<a href="/" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>

</div>

<div class="collapse navbar-collapse" id="mainnav-collapse">

<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a> &raquo <a href="/licenses/">Licenses</a></div>

<ul class="nav navbar-nav navbar-right">

<li class="dropdown">

<a href="/foundation/" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>

<ul class="dropdown-menu" role="menu">

<li><a href="/foundation/overview.html">Overview</a></li>

<li><a href="/foundation/members.html">Members</a></li>

<li><a href="/foundation/how-it-works.html">Process</a></li>

<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>

<li><a href="/foundation/glossary.html">Glossary</a></li>

<li><a href="/foundation/preFAQ.html">FAQ</a></li>

<li><a href="/foundation/contact.html">Contact</a></li>

</ul>

</li>

<li><a href="/index.html#projects-list">Projects</a></li>

<li class="dropdown">

<a href="/foundation/" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>

<ul class="dropdown-menu" role="menu">

<li><a href="/foundation/people.html">People</a></li>

<li><a href="/foundation/career.html">Career</a></li>

</ul>

</li>

</ul>

</div>

</div>

</nav>

</header>


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1.536 spring-plugin-core 1.2.0.RELEASE

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</head>

<body>

<!-- Navigation -->

<header>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>

</div>

<div class="collapse navbar-collapse" id="mainnav-collapse">

<div style="line-height:20px; padding-top:5px; float:left"> <a href="/" class="nav navbar-nav navbar-right">Projects</a> &raquo <a href="/licenses/">Licenses</a></div>

<ul class="nav navbar-nav navbar-right">

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>

<ul class="dropdown-menu" role="menu">

<li><a href="/foundation/">Overview</a></li>

<li><a href="/foundation/members.html">Members</a></li>

<li><a href="/foundation/how-it-works.html">Process</a></li>

<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>

<li><a href="/foundation/glossary.html">Glossary</a></li>

<li><a href="/foundation/preFAQ.html">FAQ</a></li>

<li><a href="/foundation/contact.html">Contact</a></li>

</ul>

</li>

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>

<ul class="dropdown-menu" role="menu">

<li><a href="http://people.apache.org/">Overview</a></li>


</ul>

</li>

</ul>

</div>

</div>

</nav>

</header>
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1.580 tomcat-embed-el 8.5.23

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- javae_web_services_1_2.xsd
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- javae_6.xsd
- javae_web_services_1_3.xsd
- javae_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web_app_3_0.xsd
- web_common_3_0.xsd
- web_fragment_3_0.xsd
- javae_7.xsd
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1.588 tomcat-servlet-api 7.0.62

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- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
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1.625 yamllbeans-1.09 1.09

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1.627 zjsonpatch 0.2.1

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1.628 zjsonpatch 0.3.0

1.629 zuul-core 1.3.0

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