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1.1.1 Available under license :

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```
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 * and limitations under the License.
 */
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;

/**
 * <p>
 * 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 {

    /**
     * <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>
     */
    private String name;

    /**
     * <p>
     * The contribution of this contributor expressed in <a>Protection</a> 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;
}
```

```
/**
 * <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>.
* @return Returns a reference to this object so that method calls can be chained together.
*/
```

```

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

/**
 * <p>
 * The contribution of this contributor expressed in <a>Protection</a> units. For example <code>10,000</code>.
 * </p>
 *
 * @param value
 *     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;
}

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

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

/**
 * <p>
 * The contribution of this contributor expressed in <a>Protection</a> units. For example <code>10,000</code>.
 * </p>
 *
 * @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;
    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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 * express or implied. See the License for the specific language governing
 * permissions and limitations under the License.
 */
package com.amazonaws.services.s3.model;

/**
 * Specifies constants defining an access permission,
 * as granted to grantees in an
 * {@link 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. FULL_CONTROL.
 *
 * @return The string representation of this permission object as defined by
 *         Amazon S3, eg. FULL_CONTROL.
 */
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 null.
 *
 * @param str
 *         A string representation of an Amazon S3 permission, eg.
 *         FULL_CONTROL
 *
 * @return The {@link Permission} object represented by the given permission string,
 *         Returns null 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;
}

}

/**
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```

```

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* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/
package com.amazonaws.services.appstream.model;

import javax.annotation.Generated;

/**
 *
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public enum Permission {

    ENABLED("ENABLED"),
    DISABLED("DISABLED");

    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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 * CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
 * permissions
 * and limitations under the License.
 */
package com.amazonaws.services.workmail.model;

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

/**
 * <p>
 * Permission granted to an entity (user, group) to access a certain aspect of another entity's mailbox.
 * </p>
 *
 * @see <a href="http://docs.aws.amazon.com/goto/WebAPI/workmail-2017-10-01/Permission"
 * target="_top">AWS API
 * Documentation</a>
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public class Permission implements Serializable, Cloneable, StructuredPojo {

    /**

```

```

* <p>
* The identifier of the entity (user or group) to which the permissions are granted.
* </p>
*/
private String granteeId;
/**
* <p>
* The type of entity (user, group) of the entity referred to in GranteeId.
* </p>
*/
private String granteeType;
/**
* <p>
* The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the mailbox
(the
* grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send email on behalf of
the owner
* of the mailbox (the grantee is not mentioned as the physical sender of these emails). FULL_ACCESS allows the
* grantee full access to the mailbox, irrespective of other folder-level permissions set on the mailbox.
* </p>
*/
private java.util.List<String> permissionValues;

/**
* <p>
* The identifier of the entity (user or group) to which the permissions are granted.
* </p>
*
* @param granteeId
* The identifier of the entity (user or group) to which the permissions are granted.
*/

public void setGranteeId(String granteeId) {
    this.granteeId = granteeId;
}

/**
* <p>
* The identifier of the entity (user or group) to which the permissions are granted.
* </p>
*
* @return The identifier of the entity (user or group) to which the permissions are granted.
*/

public String getGranteeId() {
    return this.granteeId;
}

```

```

/**
 * <p>
 * The identifier of the entity (user or group) to which the permissions are granted.
 * </p>
 *
 * @param granteeId
 * The identifier of the entity (user or group) to which the permissions are granted.
 * @return Returns a reference to this object so that method calls can be chained together.
 */

```

```

public Permission withGranteeId(String granteeId) {
    setGranteeId(granteeId);
    return this;
}

```

```

/**
 * <p>
 * The type of entity (user, group) of the entity referred to in GranteeId.
 * </p>
 *
 * @param granteeType
 * The type of entity (user, group) of the entity referred to in GranteeId.
 * @see MemberType
 */

```

```

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

```

```

/**
 * <p>
 * The type of entity (user, group) of the entity referred to in GranteeId.
 * </p>
 *
 * @return The type of entity (user, group) of the entity referred to in GranteeId.
 * @see MemberType
 */

```

```

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

```

```

/**
 * <p>
 * The type of entity (user, group) of the entity referred to in GranteeId.
 * </p>
 *
 * @param granteeType

```

```

* The type of entity (user, group) of the entity referred to in GranteeId.
* @return Returns a reference to this object so that method calls can be chained together.
* @see MemberType
*/

```

```

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

```

```

/**
 * <p>
 * The type of entity (user, group) of the entity referred to in GranteeId.
 * </p>
 *
 * @param granteeType
 * The type of entity (user, group) of the entity referred to in GranteeId.
 * @return Returns a reference to this object so that method calls can be chained together.
 * @see MemberType
 */

```

```

public Permission withGranteeType(MemberType granteeType) {
    this.granteeType = granteeType.toString();
    return this;
}

```

```

/**
 * <p>
 * The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the mailbox
 (the
 * grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send email on behalf of
 the owner
 * of the mailbox (the grantee is not mentioned as the physical sender of these emails). FULL_ACCESS allows the
 * grantee full access to the mailbox, irrespective of other folder-level permissions set on the mailbox.
 * </p>
 *
 * @return The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the
 * mailbox (the grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send
 email
 * on behalf of the owner of the mailbox (the grantee is not mentioned as the physical sender of these
 * emails). FULL_ACCESS allows the grantee full access to the mailbox, irrespective of other folder-level
 * permissions set on the mailbox.
 * @see PermissionType
 */

```

```

public java.util.List<String> getPermissionValues() {
    return permissionValues;
}

```



```

/**
 * <p>
 * The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the mailbox
 (the
 * grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send email on behalf of
 the owner
 * of the mailbox (the grantee is not mentioned as the physical sender of these emails). FULL_ACCESS allows the
 * grantee full access to the mailbox, irrespective of other folder-level permissions set on the mailbox.
 * </p>
 *
 * @param permissionValues
 * The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the
 * mailbox (the grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send
 email on
 * behalf of the owner of the mailbox (the grantee is not mentioned as the physical sender of these emails).
 * FULL_ACCESS allows the grantee full access to the mailbox, irrespective of other folder-level permissions
 * set on the mailbox.
 * @see PermissionType
 */

```

```

public void setPermissionValues(java.util.Collection<String> permissionValues) {
    if (permissionValues == null) {
        this.permissionValues = null;
        return;
    }

    this.permissionValues = new java.util.ArrayList<String>(permissionValues);
}

```

```

/**
 * <p>
 * The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the mailbox
 (the
 * grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send email on behalf of
 the owner
 * of the mailbox (the grantee is not mentioned as the physical sender of these emails). FULL_ACCESS allows the
 * grantee full access to the mailbox, irrespective of other folder-level permissions set on the mailbox.
 * </p>
 * <p>
 * <b>NOTE:</b> This method appends the values to the existing list (if any). Use
 * { @link #setPermissionValues(java.util.Collection) } or { @link #withPermissionValues(java.util.Collection) } if
 you
 * want to override the existing values.
 * </p>
 *
 * @param permissionValues
 * The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the

```

```

* mailbox (the grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send
email on
* behalf of the owner of the mailbox (the grantee is not mentioned as the physical sender of these emails).
* FULL_ACCESS allows the grantee full access to the mailbox, irrespective of other folder-level permissions
* set on the mailbox.
* @return Returns a reference to this object so that method calls can be chained together.
* @see PermissionType
*/

```

```

public Permission withPermissionValues(String... permissionValues) {
    if (this.permissionValues == null) {
        setPermissionValues(new java.util.ArrayList<String>(permissionValues.length));
    }
    for (String ele : permissionValues) {
        this.permissionValues.add(ele);
    }
    return this;
}

```

```

/**
* <p>
* The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the mailbox
(the
* grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send email on behalf of
the owner
* of the mailbox (the grantee is not mentioned as the physical sender of these emails). FULL_ACCESS allows the
* grantee full access to the mailbox, irrespective of other folder-level permissions set on the mailbox.
* </p>
*
* @param permissionValues
* The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the
* mailbox (the grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send
email on
* behalf of the owner of the mailbox (the grantee is not mentioned as the physical sender of these emails).
* FULL_ACCESS allows the grantee full access to the mailbox, irrespective of other folder-level permissions
* set on the mailbox.
* @return Returns a reference to this object so that method calls can be chained together.
* @see PermissionType
*/

```

```

public Permission withPermissionValues(java.util.Collection<String> permissionValues) {
    setPermissionValues(permissionValues);
    return this;
}

```

```

/**
* <p>
* The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the mailbox

```

(the

* grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send email on behalf of the owner

* of the mailbox (the grantee is not mentioned as the physical sender of these emails). FULL_ACCESS allows the grantee full access to the mailbox, irrespective of other folder-level permissions set on the mailbox.

* </p>

*

* @param permissionValues

* The permissions granted to the grantee. SEND_AS allows the grantee to send email as the owner of the mailbox (the grantee is not mentioned on these emails). SEND_ON_BEHALF allows the grantee to send

email on

* behalf of the owner of the mailbox (the grantee is not mentioned as the physical sender of these emails).

* FULL_ACCESS allows the grantee full access to the mailbox, irrespective of other folder-level permissions set on the mailbox.

* @return Returns a reference to this object so that method calls can be chained together.

* @see PermissionType

*/

```
public Permission withPermissionValues(PermissionType... permissionValues) {
    java.util.ArrayList<String> permissionValuesCopy = new
java.util.ArrayList<String>(permissionValues.length);
    for (PermissionType value : permissionValues) {
        permissionValuesCopy.add(value.toString());
    }
    if (getPermissionValues() == null) {
        setPermissionValues(permissionValuesCopy);
    } else {
        getPermissionValues().addAll(permissionValuesCopy);
    }
    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 (getGranteeId() != null)
        sb.append("GranteeId: ").append(getGranteeId()).append(",");
    if (getGranteeType() != null)
        sb.append("GranteeType: ").append(getGranteeType()).append(",");
    if (getPermissionValues() != null)
```

```

        sb.append("PermissionValues: ").append(getPermissionValues());
        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.getGranteeId() == null ^ this.getGranteeId() == null)
            return false;
        if (other.getGranteeId() != null && other.getGranteeId().equals(this.getGranteeId()) == false)
            return false;
        if (other.getGranteeType() == null ^ this.getGranteeType() == null)
            return false;
        if (other.getGranteeType() != null && other.getGranteeType().equals(this.getGranteeType()) == false)
            return false;
        if (other.getPermissionValues() == null ^ this.getPermissionValues() == null)
            return false;
        if (other.getPermissionValues() != null && other.getPermissionValues().equals(this.getPermissionValues()) ==
false)
            return false;
        return true;
    }

    @Override
    public int hashCode() {
        final int prime = 31;
        int hashCode = 1;

        hashCode = prime * hashCode + ((getGranteeId() == null) ? 0 : getGranteeId().hashCode());
        hashCode = prime * hashCode + ((getGranteeType() == null) ? 0 : getGranteeType().hashCode());
        hashCode = prime * hashCode + ((getPermissionValues() == null) ? 0 : getPermissionValues().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.workmail.model.transform.PermissionMarshaller.getInstance().marshall(this,
protocolMarshaller);
}
}

```

AWS SDK for Java

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/*

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*/

```
package com.amazonaws.services.elastictranscoder.model;
```

```
import java.io.Serializable;
```

```
import javax.annotation.Generated;
```

```
import com.amazonaws.protocol.StructuredPojo;
```

```
import com.amazonaws.protocol.ProtocolMarshaller;
```

```

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

    /**
     * <p>
     * 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>
     * </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>
     */
    private String granteeType;
    /**
     * <p>
     * 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>
     */
    private String grantee;
    /**
     * <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>
*/
private com.amazonaws.internal.SdkInternalList<String> access;

/**
* <p>
* 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>

```

```

* </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:</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>
* </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>
*/

```

```

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

```

```

/**
* <p>
* 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>
* </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>
*
* @return 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>
* </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>
*/

```

```

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

/**
 * <p>
 * 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>
 * </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:</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>
 * </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>
* @return Returns a reference to this object so that method calls can be chained together.
*/

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

/**
 * <p>
 * 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;
}

/**
 * <p>
 * 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.
 */

```

```

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

/**
 * <p>
 * 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:
* </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
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* 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>
*/

```

```

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

```

```

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>

*

*

* <p>

* <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to the

the

* Amazon S3 bucket.

* </p>

*

*

* <p>

* <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for the thumbnails that

the thumbnails that

* Elastic Transcoder adds to the Amazon S3 bucket.

* </p>

*

*

* <p>

* NOTE: 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

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: </p>

*

*

* <p>

* <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic

Transcoder

* adds to the Amazon S3 bucket.

* </p>

*

*

* <p>

* <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder

adds to

* the Amazon S3 bucket.

* </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>
* <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(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;
}

/**
* <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
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* 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>
* </ul>
* </p>

```

```

    * FULL_CONTROL: 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>
    *
    * @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>
    *     <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>
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    *     <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>
    * @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;
    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);
    }
}

```

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Version 2.0, January 2004

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```

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```

```
*
```

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```

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```

```
*
```

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* http://aws.amazon.com/apache2.0
```

```
*
```

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```

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```

```
* and limitations under the License.
```

```
*/
```

```
package com.amazonaws.services.opsworks.model;
```

```
import java.io.Serializable;
```

```
import javax.annotation.Generated;
```

```
import com.amazonaws.protocol.StructuredPojo;
```

```
import com.amazonaws.protocol.ProtocolMarshaller;
```

```
/**
```

```
* <p>
```

```
* Describes stack or user permissions.
```

```
* </p>
```

```
*
```

```
* @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 {
```

```
    /**
```

```
     * <p>
```

```
     * A stack ID.
```

```
     * </p>
```

```
    */
```

```
    private String stackId;
```

```
    /**
```

```
     * <p>
```

```
     * 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>.
```

```

* </p>
*/
private String iamUserArn;
/**
* <p>
* Whether the user can use SSH.
* </p>
*/
private Boolean allowSsh;
/**
* <p>
* Whether the user can use <b>sudo</b>.
* </p>
*/
private Boolean allowSudo;
/**
* <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>
*/
private String level;

/**
 * <p>
 * A stack ID.
 * </p>
 *
 * @param stackId
 *     A stack ID.
 */

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

/**
 * <p>
 * A stack ID.
 * </p>
 *
 * @return A stack ID.
 */

public String getStackId() {
    return this.stackId;
}

/**
 * <p>
 * A stack ID.
 * </p>
 *
 * @param stackId
 *     A stack ID.
 * @return Returns a reference to this object so that method calls can be chained together.
 */

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

/**
 * <p>

```

```

* 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>.
* </p>
*
* @param 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 void setIamUserArn(String iamUserArn) {
    this.iamUserArn = iamUserArn;
}

```

```

/**
* <p>
* 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>.
* </p>
*
* @return 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 String getIamUserArn() {
    return this.iamUserArn;
}

```

```

/**
* <p>
* 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>.
* </p>
*
* @param 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>.
  * @return Returns a reference to this object so that method calls can be chained together.
  */

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

/**
 * <p>
 * Whether the user can use SSH.
 * </p>
 *
 * @param allowSsh
 * Whether the user can use SSH.
 */

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

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

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

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

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

```

```

}

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

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

/**
 * <p>
 * Whether the user can use <b>sudo</b>.
 * </p>
 *
 * @param allowSudo
 *     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;
}

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

```

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

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

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

```
/**
 * <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:</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>
*/

public void setLevel(String level) {
    this.level = 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>
*
* @return 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>
*/

```

```

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>
* </ul>

```



```

* <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:<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>
* @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;

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

import javax.annotation.Generated;

/**
 * The type of permission a function has 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;
    }
}

/**
 * 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!");
}
}

```

1.3 cassandra-driver-core 2.1.10.3

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1.6 hibernate-validator 5.3.3 Final

1.7 HikariCP 3.1.0

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1.10 jackson-module-kotlin 2.9.2

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1.11 Javax.Servlet-api 3.0.1

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layout: default

title: PostgreSQL JDBC License

resource: ../media

nav: ../

```
{% include submenu_about.html %}
```

```
<div id="pgContentWrap">
```

```
<h1>BSD 2-clause "Simplified" License</h1>
```

```
<p>
```

```
The PostgreSQL JDBC Driver is distributed under the BSD-2-Clause License.
```

```
The simplest explanation of the licensing terms is that
```

```
you can do whatever you want with the product and source code as long
```

```
as you don't claim you wrote it or sue us. You should give it a read
```

```
though, it's only half a page.
```

```
</p>
```

```
<hr />
```

```
<pre style="font-family: monospace,'Courier'; background-color: #f9f9f9; padding: 1em; border: 1px solid #ddd">
```

```
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```

```
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```

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```

```
</div> <!-- pgContentWrap -->
```

layout: default

title: PostgreSQL JDBC Contributors

resource: ../media

nav: ../

```
{% include submenu_community.html %}
```

```
<div id="pgContentWrap">
  <h1>Contributors</h1>
  <hr />
  <div>
    <ul>
      <li><a href="#maintainers">Maintainers</a></li>
      <li><a href="#authors">Previous Maintainers</a></li>
      <li><a href="#developers">Developers</a></li>
      <li><a href="#translators">Translators</a></li>
    </ul>
  </div>
  <hr />

  <a name="maintainers"></a>
  <h2 class="underlined_10">Maintainers</h2>
  <div>
    <p>
      Please do not contact the maintainers directly unless you have
      a specific need to contact just them. Please use the
      <a href="mailto:pgsql-jdbc@postgresql.org">pgsql-jdbc@postgresql.org</a>
      mailing list if at all possible.
    </p>
    <ul>
      <li>[davec] - Dave Cramer (pg.at.fastcrypt.com)</li>
      <li>[jurka] - Kris Jurka (jurka.at.ejurka.com)</li>
      <li>[oliver] - Oliver Jowett (oliver.at.opencloud.com)</li>
    </ul>
  </div>
  <hr />

  <a name="authors"></a>
  <h2 class="underlined_10">Previous Maintainers</h2>
  <div>
    <p>
      The original JDBC driver was written by Adrian Hall. Peter Mount
      and Barry Lind have maintained it in the past, but have
      since moved on to other things.
    </p>
  </div>
  <hr />
```

```
<a name="developers"></a>
<h2 class="underlined_10">Developers</h2>
<div>
<p>
People who have contributed significant code to the project since
the 7.4 release. A careful historical study has not been
commissioned, but if you've done something valuable, we'd
be happy to recognize you for it. Just let us know.
</p>
<ul>
<li>Jan Andre le Roux
<ul>
<li>ResultSetMetaData information based on the V3 protocol</li>
</ul>
</li>
<li>Jaroslaw J. Pyszny
<ul>
<li>Improve MetaData regarding the serial datatype</li>
</ul>
</li>
<li>Ulrich Meis
<ul>
<li>Allow users to customize the SSL connection</li>
</ul>
</li>
<li>Xavier Poinard
<ul>
<li>Standard escaped functions { fn ...() }</li>
</ul>
</li>
<li>Oliver Siegmar
<ul>
<li>Support for infinity in the timestamp datatype</li>
<li>Make PGInterval able to decode and manipulate interval data</li>
</ul>
</li>
<li>Michael Barker
<ul>
<li>Blob write and position methods.</li>
</ul>
</li>
<li>Andras Kadinger
<ul>
<li>Support asynchronous notification retrieval.</li>
</ul>
</li>
<li>Heikki Linnakangas
<ul>
```

- XADatasource implementation.

-

- Luis Vilar Flores

-

- Reduce memory usage retrieving bytea data.

-

- Michael Paesold

-

- Correctly parse dollar quotes and comments.

- Work with standard_conforming_strings = on.

-

- Mikko Tiihonen

-

- Improve speed of parsing ResultSet data.

-

- Marek Lewczuk

-

- Support multi-dimensional arrays and NULL array elements.

-

-

-

- </div>

- <hr />

-

- <h2 class="underlined_10">Translators</h2>

- <div>

-

- cs - Czech

-

- Petr Dittrich

-

-

- de - German

-

- Andre Bialojahn

-

-

- es - Spanish

-

- Diego A. Gil

-

-

- fr - French

```
<ul>
  <li>Xavier Poinsard</li>
</ul>
</li>
<li>it - Italian
  <ul>
    <li>Giuseppe Sacco</li>
  </ul>
</li>
<li>pl - Polish
  <ul>
    <li>Jaroslaw Pyszny</li>
  </ul>
</li>
<li>pt_BR - Brazilian Portuguese
  <ul>
    <li>Euler Taveira de Oliveira</li>
  </ul>
</li>
<li>ru - Russian
  <ul>
    <li>Serguei Mokhov</li>
  </ul>
</li>
<li>sr - Serbian
  <ul>
    <li>Bojan Skaljac</li>
  </ul>
</li>
<li>tr - Turkish
  <ul>
    <li>Devrim Gunduz</li>
    <li>Nicolai Tufar</li>
  </ul>
</li>
<li>zh_CN - Simplified Chinese
  <ul>
    <li>Weiping</li>
    <li>Kuo ChaoYi</li>
  </ul>
</li>
<li>zh_TW - Traditional Chinese
  <ul>
    <li>Zhenbang Wei</li>
    <li>Kuo ChaoYi</li>
  </ul>
</li>
</ul>
```

</div>
</div> <!-- pgContentWrap -->

1.16 spring-jdbc 4.3.16.RELEASE

1.17 validation-api 1.1.0.Final

1.17.1 Available under license :

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