Open Source Used In Ultra Services Platform 6.13

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1.4 hk2-utils 2.4.0

1.5 jackson-databind 2.6.5

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# Jackson JSON processor

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1.6 commons-lang 2.4

1.7 javassist 3.12.1

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1.8 spring-context 4.3.12

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1.9 erlang-otp 5.10

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Written by: Philip Hazel
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---------------------------------------------------------------------------

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version 1.2.11, January 15th, 2017

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1.25 log4j-slf4j-impl 2.7

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### 1.58 woodstox-core 5.0.3

### 1.59 jboss-logging 3.3.1.Final

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1.60 jackson-databind 2.8.6
1.60.1 Available under license:

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1.61 spring-boot-starter-security 1.5.8

1.62 arquillian-config-api 1.0.4

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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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1.93 mapbox-mapbox-studio-emerald v2.2.1

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1.94 jackson-dataformat-yaml 2.8.6

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### 1.97 java-7-markdown-doclets 1.6-b147-133

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.
In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
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- javaee_6.xsd
- javaee_web_services_1_3.xsd
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- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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package ch.qos.logback.core.encoder;

import java.io.IOException;
import java.io.OutputStream;
import ch.qos.logback.core.CoreConstants;

public class EchoEncoder<E> extends EncoderBase<E> {

    String fileHeader;
    String fileFooter;

    public void doEncode(E event) throws IOException {
        String val = event + CoreConstants.LINE_SEPARATOR;
        outputStream.write(val.getBytes());
        // necessary if ResilientFileOutputStream is buffered
        outputStream.flush();
    }

    public void close() throws IOException {
        if (fileFooter == null) {
            return;
        }
        outputStream.write(fileFooter.getBytes());
    }

    public void init(OutputStream os) throws IOException {
        super.init(os);
        if (fileHeader == null) {
            return;
        }
        outputStream.write(fileHeader.getBytes());
    }
}

1.114 spring-boot-autoconfigure 1.5.0

1.115 tiger-types 1.4
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1.118 jersey-container-servlet-core 2.22.2

1.119 jackson-databind 2.8.10

1.119.1 Available under license :

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers, as well as supported
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1.120 jquery-bbq v1.2.1

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1.126 hamcrest-library 1.3

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1.127 jaxb-core 2.2.7

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1.128 jul-to-slf4j 1.7.25

1.129 reactor-core 2.0.8

1.130 reactive-streams 1.0.0

1.131 spring-security-oauth 2.0.14

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Streaming API for XML (JSR-173) for Java Specification ("Specification")

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Streaming API for XML (JSR-173) Specification
Reference Implementation
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1.133 gs-collections-api 5.1.0

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1.151 spring-context 4.3.6

1.152 spring-boot-starter-log4j2 1.3.3

1.153 jcl-over-slf4j 1.7.16

1.154 tools-ant 1.8.4

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1.160 spring-boot-starter Logging 1.5.8

1.161 jcl-over-slf4j 1.7.25

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1.162 spring-boot 1.5.8.RELEASE

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1.163 slf4j 1.7.22

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1.164 javax-annotation-api 1.2

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1.175 classmate 1.3.4

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Other developers who have contributed code are:

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1.176 resteasy-jax-rs 3.1.2

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1.177 arquillian-rest-client-impl-base
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**1.193 hibernate-validator 5.3.5**

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1.198 jackson-module-jaxb-annotations 2.8.6

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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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---

```java
SourceFileLicense.java

package org.apache.maven.model;

import java.io.Serializable;
import java.lang.String;

public class License implements Serializable {
    private String name;
    private String url;
    private String distribution;
    private String[] comments;

    public License(String name, String url, String distribution, String[] comments) {
        this.name = name;
        this.url = url;
        this.distribution = distribution;
        this.comments = comments;
    }

    public String getName() {
        return name;
    }

    public String getUrl() {
        return url;
    }

    public String getDistribution() {
        return distribution;
    }

    public String[] getComments() {
        return comments;
    }
}
```

---

Open Source Used In Ultra Services Platform 6.13950
#/*$%

1.201 gson 2.6

1.202 arquillian-rest-client-impl-3x

1.0.0.alpha4

1.202.1 Available under license:

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Version 2.0, January 2004
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1.203 evergreen 20180916-snapshot-1c1bc362

1.203.1 Available under license:

```html
<div class="modal-header">
  <button type="button" class="close" ng-click="cancel()" aria-hidden="true">&times;</button>
  <h4 class="modal-title">[% l('Add Display Entry') %]</h4>
</div>

<div class="modal-body tight-vert-form" id="patron-pay-by-credit-form">
  <div class="panel panel-default">
    <div class="panel-heading" ng-if="context.selected_parent && !context.is_root && !context.selected_parent.permanent">
      [% l('Adding Entry to ') %] {{context.selected_parent.grp().name()}}
    </div>
  </div>
</div>
```
<div><div class="panel-heading" ng-if="context.is_root || context.selected_parent.permanent">
[% l('Adding Root Entry') %]
</div><div class="panel-body">

<% l('Available Entries') %>
<select class="form-control" ng-model="context.selected_grp" ng-options="grp.name() disable when grp._filter_grp for grp in context.edit_profiles track by grp.id()">
  <option value="" ng-if="!context.edit_profiles.length">
    [% l('&lt;NONE&gt;') %]
  </option>
</select>

<% l('Add as root entry?') %>
<input type="checkbox" ng-model="context.is_root" ng-disabled="!context.selected_parent">

</div></div><!--panel-body-->
</div><!--panel-->
</div><!--modal-body-->
<div class="modal-footer">
<button class="btn btn-primary" ng-click="ok()" ng-disabled="!context.selected_grp.id()">
 [% l('Submit') %]
</button>
<button class="btn btn-warning" ng-click="cancel()">
 [% l('Cancel') %]
</button>
</div>
<div class="container-fluid" style="text-align:center">
<div class="alert alert-info alert-less-pad strong-text-2">
 [% l('Permission Group Tree Entries') %]
</div></div>

<% l('Permission Group Entries in Library:') %>
<eg-org-selector onchange="org_changed" selected="selectedOrg"></eg-org-selector>
</div></div><!--col-md-8-->
</div><!--row-->
</div><!--container-->
</div><!--row-->
</div>

<button class="btn btn-success" ng-click="addChildEntry(selected_entry)">
<i class="glyphicon glyphicon-plus"></i> [% l('Add') %]
</button>
<button class="btn btn-danger" ng-click="removeEntry(selected_entry)" ng-disabled="!selected_entry || selected_entry.permanent">
</button>
<i class="glyphicon glyphicon-remove"></i> [% l('Remove') %]
</button>
<button class="btn btn-info"
ng-click="setPosition(selected_entry, 'up')"
ng-disabled="!selected_entry || selected_entry.permanent">
<i class="glyphicon glyphicon-arrow-up"></i> [% l('Move Up') %]
</button>
<button class="btn btn-info"
ng-click="setPosition(selected_entry, 'down')"
ng-disabled="!selected_entry || selected_entry.permanent">
<i class="glyphicon glyphicon-arrow-down"></i> [% l('Move Down') %]
</button>
<button class="btn btn-primary"
ng-click="saveEntries()"
><i class="glyphicon glyphicon-floppy-disk"></i> [% l('Save') %]
</button>
</div>
</div>
</div>
<treecontrol
class="tree-light"
tree-model="perm_tree"
options="tree_options"
on-selection="updateSelection(node, selected)"
selected-node="selected_entry"
order-by="orderby"
expanded-nodes="expanded_nodes"
>
{{node.grp().name()}}
</treecontrol>
</div>
</div>
<div class="row">
<div class="col-md-4" ng-if="selectedOrg">
<treecontrol

/*
# *---------------------------------------------------------------------------
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#
*/

dojo.require('fieldmapper.AutoIDL');
dojo.require('fieldmapper.dojoData');
dojo.require('openils.PermaCrud');
dojo.require('openils.widget.TranslatorPopup');
dojo.require('dojo.parser');
dojo.require('dojo.data.ItemFileWriteStore');
dojo.require('dojo.date.stamp');
dojo.require('dojo.cookie');
dojo.require('dijit.form.NumberSpinner');
dojo.require('dijit.form.TextBox');
dojo.require('dijit.form.TimeTextBox');
dojo.require('dijit.form.ValidationTextBox');
dojo.require('dijit.form.CheckBox');
dojo.require('dijit.form.FilteringSelect');
dojo.require('dijit.form.Textarea');
dojo.require('dijit.form.Button');
dojo.require('dijit.Dialog');
dojo.require('dijit.Tree');
dojo.require('dijit.layout.ContentPane');
dojo.require('dijit.layout.TabContainer');
dojo.require('dijit.layout.LayoutContainer');
dojo.require('dijit.layout.SplitContainer');
dojo.require('dijit.widget.Toast');
dojo.require('dijit.widget.Toaster');
dojo.require('dijit.widget.SplitContainer');
dojo.require('openils.XUL');
dojo.requireLocalization('openils.conify', 'conify');

// some handy globals
var cgi = new CGI();
var ses = dojo.cookie('ses') || cgi.param('ses');
if(ses&&openils.XUL.isXUL()){
    var stash = openils.XUL.getStash();
    ses = stash.session.key;
}
var server = {};
server.pcrud = new openils.PermaCrud({ authtoken : ses });
server.actor = new OpenSRF.ClientSession('open-ils.actor');

var pgt_strings = dojo.i18n.getLocalization('openils.conify', 'conify');
var virgin_out_id = -1;

var highlighter = {};

function status_update (markup) {
if (parent !== window & parent.status_update) parent.status_update( markup );
}

function save_group () {

var modified_pgt = new pgt().fromStoreItem( current_group );
modified_pgt.ischanged( 1 );

new_kid_button.disabled = false;
save_group_button.disabled = false;
delete_group_button.disabled = false;

server.pcrud.update(modified_pgt, {
onerror : function (r) {
highlighter.editor_pane.red.play();
status_update( dojo.string.substitute( pgt_strings.ERROR_SAVING_DATA, [group_store.getValue( current_group, 'name' )]) );
},
oncomplete : function (r) {
group_store.setValue( current_group, 'ischanged', 0 );
highlighter.editor_pane.green.play();
status_update( dojo.string.substitute(pgt_strings.SUCCESS_SAVE, [group_store.getValue( current_group, 'name' )]) );
},
});

function save_perm_map (storeItem) {

var modified_pgpm = new pgpm().fromStoreItem( storeItem );
modified_pgpm.ischanged( 1 );

server.pcrud.update(modified_pgpm, {
onerror : function (r) {
highlighter.editor_pane.red.play();
status_update( dojo.string.substitute(pgt_strings.ERROR_SAVING_PERM_DATA, [group_store.getValue( current_group, 'name' )]) );
},
oncomplete : function (r) {
perm_map_store.setValue( storeItem, 'ischanged', 0 );
highlighter.editor_pane.green.play();
status_update( dojo.string.substitute(pgt_strings.SUCCESS_SAVE_PERM, [group_store.getValue( current_group, 'name' )]) );
}
function save_them_all (event) {

var dirtyMaps = [];

perm_map_store.fetch{
    query : { ischanged : 1 },
    onItem : function (item, req) { try { if (this.isItem( item )) dirtyMaps.push( item ); } catch (e) { /* meh */ } },
    scope : perm_map_store
});

var confirmation = true;

if (event && dirtyMaps.length > 0) {
    confirmation = confirm( pgt_strings.CONFIRM_EXIT);
}

if (confirmation) {
    for (var i in dirtyMaps) {
        save_perm_map(dirtyMaps[i]);
    }
}

dojo.addOnUnload( save_them_all );

<!DOCTYPE html PUBLIC
"-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd" [ <!--#include virtual="/opac/locale/${locale}/conify.dtd"-->
]>

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# Mike Rylander <miker@esilibrary.com>
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-->
<!--DOCTYPE html PUBLIC
"-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd" [ <!--#include virtual="/opac/locale/${locale}/conify.dtd"-->
]>

Open Source Used In Ultra Services Platform 6.13959
var perm_rows = [
];

var _perm_list = pCRUD.retrieveAll('ppl', { order_by : { ppl : 'code' } });
var _perm_data = ppl.toStoreData(_perm_list, 'code');
var perm_store = new dojo.data.ItemFileWriteStore({ data : _perm_data });

perm_store.onSet = function (item, attr, o, n) {
    if (attr == 'ischanged') return;
    if (n == o) return;
    this.setValue( item, 'ischanged', 1);
};

var perm_grid_layout = [
    {cells : [
        { name : ppl_strings.LABEL_CODE,  field : "code",  width : "300px", editor : dojox.grid.editors.Dijit,
          rowSpan : "2" },
        { name : ppl_strings.LABEL_DESCRIPTION,  field : "description",  width : "auto",  editor : dojox.grid.editors.Editor, style : "minHeight:1em;" }
    ],
    { name : ppl_strings.LABEL_TRANSLATION,
        width : "10em",
        height : "2em",
        formatter : function (value) {
            return '<span class="perm_grid_trans_desc_' + value + '"></span>';}
    },
    get : function (row) {
        var r = perm_data_model.getRow(row);
        if (r) {
            perm_rows[row] = new ccs().fromHash(perm_data_model.getRow(row));
            setTimeout('dojo.query(".perm_grid_trans_desc_' + row + '").instantiate(openils.widget.TranslatorPopup,{field:"description","targetObject:window.perm_rows['+row+']"});', 0);

            var oldnode = dojo.byId('description_translation_' + row);
            if (oldnode) dijit.byNode(oldnode).destroyRecursive();
            return row;
        }
    }
};
dojo.addOnUnload( function (event) {

    perm_store.fetch(
        query : { ischanged : 1 },
        onItem : function (item, req) { try { if (this.isItem( item )) dirtyStore.push( item ); } catch (e) { /* meh */
    }
    ),
    scope : perm_store
});

if (dirtyStore.length > 0) {
    var confirmation = confirm(ppl_strings.CONFIRM_EXIT_PPL);

    if (confirmation) {
        for (var i in dirtyStore) {
            current_perm = dirtyStore[i];
            save_perm(true);
        }
    }
}

});
</script>

</head>

<body class="tundra" id='pagebody'>

<div dojoType="dijit.layout.LayoutContainer" id="grid_container" jsId="grid_container" orientation="vertical">
    <div dojoType="dijit.layout.LayoutContainer" orientation="horizontal" style="margin-top: 5px;"
        layoutAlign="top">
        <span>&conify.perm_list.new_permission.label;</span>
        <div dojoType="dijit.form.TextBox" id="new_perm_code" jsId="new_perm_code"
            label="&conify.perm_list.new_code.label;"></div>
        <button dojoType="dijit.form.Button" id="save_new_perm_code" jsId="save_new_perm_code"
            label="&conify.perm_list.add_button.label;">
            <script type="dojo/connect" event="onClick">
                <![CDATA[
                    var new_code = new_perm_code.getValue();
                    if (!new_code) return;

                    var new_fm_obj = ppl().fromHash(
                        isnew    : 1,

                    ]]
                ]]></script>
        </button>
    </div>
</div>
code : new_code
});

var err = false;
pCRUD.create(new_fm_obj, {
onerror : function (r) {
    highlighter.red.play();
    status_update( ppl_strings.ERROR_CALLING_METHOD_PPL );
    err = true;
},
oncomplete : function (r, list) {
    var new_item_hash = list[0].toHash();
    perm_store.newItem( new_item_hash );
    status_update( dojo.string.substitute(ppl_strings.SUCCESS_CREATING_PERMISSION, [new_item_hash.code]) );
    perm_grid.model.sort(-1);
    highlighter.green.play();
    
));
}>
</script>
</button>
</div>

<div dojoType="dijit.layout.ContentPane" style="width:100%; height:100%;" layoutAlign="client">
    <div dojoType="dojox.grid.data.DojoData" id="perm_data_model" jsId="perm_data_model" store="perm_store" query="{ code : '*' }">
</div>
    
    <div id="perm_grid" dojoType="dojox.Grid" model="perm_data_model" structure="perm_grid_layout" jsId="perm_grid">
</div>
</div>

<div dojoType="dijit.layout.ContentPane" orientation="horizontal" style="margin-bottom: 5px;"
layoutAlign="bottom">
    <button jsId="save_ppl_button" dojoType="dijit.form.Button" label="&conify.perm_list.save_changes.label;"
onClick="save_them_all()"></button>
    <button jsId="delete_ppl_button" dojoType="dijit.form.Button" label="&conify.perm_list.delete_selected.label;">
        <![CDATA[
var selected_rows = perm_grid.selection.getSelected();

var selected_items = [];
for (var i in selected_rows) {
    selected_items.push(perm_grid.model.getRow( selected_rows[i] ).__dojo_data_item
);}}]>
</script>
perm_grid.selection.clear();

for (var i in selected_items) {
    current_perm = selected_items[i];

    if (confirm( dojo.string.substitute(ppl_strings.CONFIRM_DELETE, [perm_store.getValue(current_perm, 'code')]) )) {
        perm_store.setValue( current_perm, 'isdeleted', 1 );

        var modified_ppl = new ppl().fromStoreItem( current_perm );
        modified_ppl.isdeleted( 1 );

        pCRUD.eliminate(modified_ppl, {
            onerror : function (r) {
                highlighter.red.play();
                status_update( dojo.string.substitute(ppl_strings.ERROR_DELETING, [perm_store.getValue( current_perm, 'code' )]) );
            },
            oncomplete : function (r) {
                var old_name = perm_store.getValue( current_perm, 'code' );

                perm_store.fetch({
                    query : { id : perm_store.getValue( current_perm, 'id' ) },
                    onItem : function (item, req) { try { if (this.isItem( item )) this.deleteItem( item ); } catch (e) { /* meh */ } },
                    scope : perm_store
                });

                current_perm = null;

                highlighter.green.play();
                status_update( dojo.string.substitute(ppl_strings.STATUS_DELETED, [old_name]) );
            }
        });
    }
}
highlighter.green = dojox.fx.highlight( { color : '#B4FFB4', node : 'grid_container', duration : 500 } );
highlighter.red = dojox.fx.highlight( { color : '#FF2018', node : 'grid_container', duration : 500 } );
</script>

</body>
</html>
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[%
  WRAPPER "staff/base.tt2";
  ctx.page_title = l("Permission Groups");
  ctx.page_app = "egAdminPermGripTreeApp";
%]

[% BLOCK APP_JS %]
<script src="[% ctx.media_prefix %]/js/ui/default/staff/services/ui.js"></script>
<script src="[% ctx.media_prefix %]/js/ui/default/staff/services/eframe.js"></script>
<script src="[% ctx.media_prefix %]/js/ui/default/staff/admin/local/permission/app.js"></script>
<link rel="stylesheet" href="[% ctx.base_path %]/staff/css/admin.css" />
<script>
angular.module('egCoreMod').run(['egStrings', function(s) {
  s.ROOT_NODE_NAME = [% l('Display Entries') %];
  s.UPDATE_SUCCESS = [% l('Display Entry order succesfully updated') %];
  s.UPDATE_FAILURE = [% l('Display Entry order failed to update') %];
  s.ADD_SUCCESS = [% l('Display Entry succesfully added') %];
  s.ADD_FAILURE = [% l('Failed to add Display Entry') %];
  s.REMOVE_SUCCESS = [% l('Display Entry succesfully removed') %];
  s.REMOVE_FAILURE = [% l('Failed to remove Display Entry') %];
})];
BEGIN;

INSERT INTO config.upgrade_log (version) VALUES ('0303'); -- phasefx

INSERT INTO permission.perm_list (id, code, description) VALUES (391, 'UPDATE_PICKUP_LIB_FROM_TRANSIT', oils_i18n_gettext(391, 'Allow a user to change the pickup and transit destination for a captured hold item already in transit', 'ppl', 'description'));

COMMIT;

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/*
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# Mike Rylander <miker@esilibrary.com>
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#
*/
dojo.require('fieldmapper.AutoIDL');
dojo.require('fieldmapper.dojoData');
dojo.require('openils.widget.TranslatorPopup');
dojo.require('openils.PermaCrud');
dojo.require('dojo.parser');
dojo.require('dojo.string');
dojo.require('dojo.cookie');
dojo.require('dojo.data.ItemFileWriteStore');
dojo.require('dijit.form.TextBox');
dojo.require('dijit.form.ValidationTextBox');
dojo.require('dijit.form.Textarea');
dojo.require('dijit.layout.ContentPane');
dojo.require('dijit.layout.LayoutContainer');
dojo.require('dijit.layout.BorderContainer');
dojo.require('dojox.widget.Toaster');
dojo.require('dojox.fx');
dojo.require('dojox.grid.Grid');
dojo.require('openils.XUL');
dojo.requireLocalization("openils.conify", "conify");

// some handy globals
var cgi = new CGI();
var ses = dojo.cookie('ses') || cgi.param('ses');
if(!ses && openils.XUL.isXUL()) {
    var stash = openils.XUL.getStash();
    ses = stash.session.key;
}
var pCRUD = new openils.PermaCrud({authtoken : ses});

var ppl_strings = dojo.i18n.getLocalization('openils.conify', 'conify');

var current_perm;
var virgin_out_id = -1;

var highlighter = {};

function status_update (markup) {
    if (parent !== window & parent.status_update) parent.status_update( markup );
}

function save_perm () {

var modified_ppl = new ppl().fromStoreItem( current_perm );
modified_ppl.ischanged( 1 );
modified_ppl.description( dojo.string.trim( modified_ppl.description() ) );
modified_ppl.code( dojo.string.trim( modified_ppl.code() ) );

pCRUD.update(modified_ppl, {
  onerror : function (r) {
    highlighter.red.play();
    status_update( dojo.string.substitute(ppl_strings.ERROR_SAVING_DATA, [perm_store.getValue(current_perm, 'code')]) );
  },
  oncomplete : function (r) {
    perm_store.setValue( current_perm, 'ischanged', 0 );
    highlighter.green.play();
    status_update( dojo.string.substitute(ppl_strings.SUCCESS_SAVE, [perm_store.getValue(current_perm, 'code')]) );
  }
});

function save_them_all (event) {

  perm_store.fetch({
    query : { ischanged : 1 },
    onItem : function (item, req) { try { if (this.isItem( item )) window.dirtyStore.push( item ); } catch (e) { /* meh */ } },
    scope : perm_store
  });

  var confirmation = true;

  if (event && dirtyStore.length > 0) {
    confirmation = confirm( ppl_strings.CONFIRM_EXIT_PPL );
  }

  if (confirmation) {
    for (var i in window.dirtyStore) {
      window.current_perm = window.dirtyStore[i];
      save_perm(true);
    }

    window.dirtyStore = [];
  }

  dojo.addOnUnload( save_them_all );
angular.module('egAdminPermGrpTreeApp',
  ['ngRoute','ui.bootstrap','egCoreMod','egUiMod','treeControl'])

  .config(function($routeProvider, $locationProvider, $compileProvider) {
    $locationProvider.html5Mode(true);
    $compileProvider.aHrefSanitizationWhitelist(/\s*(https?|blob):/);

    var resolver = {delay :
      ['egStartup', function(egStartup) {return egStartup.go()})
    }

    $routeProvider.when('/admin/local/permission/grp_tree_display_entry', {
      templateUrl : './admin/local/permission/t_grp_tree_display_entry',
      controller : 'PermGrpTreeCtrl',
      resolve : resolver
    });

    // catch admin/local/permission/grp_penalty_threshold
    var eframe_template =
      '<eg-embed-frame allow-escape="true" min-height="min_height" url="local_admin_url"
      handlers="funcs"></eg-embed-frame>';
    $routeProvider.when('/admin/local/:schema/:page', {
      template: eframe_template,
      controller: 'EmbedConifyCtl',
      resolve : resolver
    });

    $routeProvider.otherwise({redirectTo : '/admin/local/permission/grp_tree'});
  })

  .factory('egPermGrpTreeSvc',
    ['$q','egCore', function($q , egCore) {
      var service = {
        pgtde_array: [],
        display_entries: [],
        disabled_entries: [],
        profiles: [],
        edit_profiles: []
      }

      // determine which user groups our user is not allowed to modify
      service.set_edit_profiles = function() {
        var all_app_perms = [];
        var failed_perms = [];

        // extract the application permissions
        angular.forEach(service.profiles, function(grp) {
          if (grp.application_perm())
            all_app_perms.push(grp.application_perm());
        });
// fill in service.edit_profiles by inspecting failed_perms
function traverse_grp_tree(grp, failed) {
    failed = failed ||
    failed_perms.indexOf(grp.application_perm()) > -1;

    if (!failed) service.edit_profiles.push(grp);

    angular.forEach(
        service.profiles.filter( // children of grp
            function(p) { return p.parent() == grp.id() },
            function(child) { traverse_grp_tree(child, failed) }
        ),
    );
}

return egCore.perm.hasPermAt(all_app_perms, true).then(// fill in service.edit_profiles by inspecting failed_perms
    function(perm_orgs) {
        angular.forEach(all_app_perms, function(p) {
            if (perm_orgs[p].length == 0)
                failed_perms.push(p);
        });

        traverse_grp_tree(egCore.env.pgt.tree);
    });

service.get_perm_groups = function() {
    if (egCore.env.pgt) {
        service.profiles = egCore.env.pgt.list;
        return service.set_edit_profiles();
    } else {
        return egCore.pcrud.search('pgt', {parent : null},
            {flesh : -1, flesh_fields : {pgt : ['children']}}
        ).then(
        function(tree) {
            egCore.env.absorbTree(tree, 'pgt')
            service.profiles = egCore.env.pgt.list;
            return service.set_edit_profiles();
        });
    }
}

service.fetchDisplayEntries = function(ou_id) {
    service.edit_profiles = [];
    service.get_perm_groups();
return egCore.pcrud.search('pgtde',
    { org : egCore.org.ancestors(ou_id, true) },
    { flesh : 1,
        flesh_fields : {
            pgtde: ['grp', 'org']
        },
        order_by: { pgtde : 'id' }
    },
    {atomic: true}
).then(function(entries) {
    service.pgtde_array = [];
    service.disabled_entries = [];
    angular.forEach(entries, function(entry) {
        service.pgtde_array.push(entry);
    });
});

service.organizeDisplayEntries = function(selectedOrg) {
    service.display_entries = []:

    angular.forEach(service.pgtde_array, function(pgtde) {
        if (pgtde.org().id() == selectedOrg) {
            if (!pgtde.child_entries) pgtde.child_entries = [];
            var isChild = false;

            angular.forEach(service.display_entries, function(entry) {
                if (pgtde.parent() && pgtde.parent() == entry.id()) {
                    entry.child_entries.push(pgtde);
                    isChild = true;
                    return;
                } else {
                    if (service.iterateChildEntries(pgtde, entry)) {
                        isChild = true;
                        return;
                    }
                }
            });
            if (!pgtde.parent() || !isChild) {
                service.display_entries.push(pgtde);
            }
        }
    });
}

service.iterateChildEntries = function(pgtde, entry) {
    if (entry.child_entries.length) {
        return angular.forEach(entry.child_entries, function(child) {
            if (pgtde.parent() == child.id()) {
                return;
            }
        });
    } else {
        if (!pgtde.child_entries) pgtde.child_entries = [];
        var isChild = false;

        angular.forEach(service.display_entries, function(entry) {
            if (pgtde.parent() && pgtde.parent() == entry.id()) {
                entry.child_entries.push(pgtde);
                isChild = true;
                return;
            } else {
                if (service.iterateChildEntries(pgtde, entry)) {
                    isChild = true;
                    return;
                }
            }
        });
        if (!pgtde.parent() || !isChild) {
            service.display_entries.push(pgtde);
        }
    }
}
child.child_entries.push(pgtde);
return true;
} else {
    return service.iterateChildEntries(pgtde, child);
}
});
}

service.updateDisplayEntries = function(tree, ou_id) {
    return egCore.pcrud.search('pgtde',
        {org : ou_id},
        { flesh : 1,
            flesh_fields : {
                pgtde: ['grp', 'org']
            },
            order_by: {pgtde : 'id'}
        },
        {atomic: true}
    ).then(function(entries) {
        return egCore.pcrud.update(tree).then(function(res) {
            return res;
        });
    });
}

service.removeDisplayEntries = function(entries) {
    return egCore.pcrud.remove(entries).then(function(res) {
        return res;
    });
}

service.addDisplayEntries = function(entries) {
    return egCore.pcrud.create(entries).then(function(res) {
        return res;
    });
}

service.findEntry = function(id, entries) {
    var match;
    angular.forEach(entries, function(entry) {
        if (!match) {
            if (!entry.child_entries) entry.child_entries = [];
            if (id == entry.id()) {
                match = entry;
            } else if (entry.child_entries.length) {
                match = service.findEntry(id, entry.child_entries);
            }
        }
    });
}
.controller('PermGrpTreeCtrl',
    ['$scope', 'timeout', 'location', 'SubModal', 'egCore', 'egPermGrpTreeSvc', 'ngToast', 'egProgressDialog',
     function($scope , $timeout , $location , SubModal , egCore , egPermGrpTreeSvc , ngToast , egProgressDialog) {

    $scope.perm_tree = [{
        grp: function() {
            return {
                name: function() { return egCore.strings.ROOT_NODE_NAME; }
            }
        },
        child_entries: [],
        permanent: 'true'
    }];
    $scope.display_entries = [];
    $scope.new_entries = [];
    $scope.tree_options = {nodeChildren: 'child_entries'};
    $scope.selected_entry = null;
    $scope.expanded_nodes = [];
    $scope.orderby = ['position()', 'grp().name()'];

    if (!$scope.selectedOrg) {
        $scope.selectedOrg = egCore.org.get(egCore.auth.user().ws_ou());
    }

    $scope.updateSelection = function(node, selected) {
        $scope.selected_entry = node;
        if (!selected) $scope.selected_entry = null;
    }

    $scope.setPosition = function(node, direction) {
        var newPos = node.position();
        var siblings;
        if (node.parent()) {
            siblings = egPermGrpTreeSvc.findEntry(node.parent(), $scope.perm_tree[0].child_entries).child_entries;
        } else {
            siblings = $scope.perm_tree[0].child_entries;
        }
        if (direction == 'up' && newPos < siblings.length) newPos++;
        if (direction == 'down' && newPos > 1) newPos--;
    }

});
angular.forEach(siblings, function(entry) {
    if (entry.position() == newPos) entry.position(node.position());
angular.forEach($scope.display_entries, function(display_entry) {
    if (display_entry.id() == entry.id()) {
        if (display_entry.position() == newPos) {
            display_entry.position(node.position());
        };
    }
});
});

angular.forEach($scope.display_entries, function(display_entry) {
    if (display_entry.id() == node.id()) {
        display_entry.position(newPos);
    }
});

node.position(newPos);
}

$scope.addChildEntry = function(node) {

    $scope.openAddDialog(node, $scope.disabled_entries, $scope.edit_profiles, $scope.display_entries, $scope.selectedOrg)
    .then(function(res) {
        if (res) {

            var siblings = []
            var new_entry = new egCore.idl.pgtde();
            new_entry.org($scope.selectedOrg.id());
            new_entry.grp(res.selected grp);
            new_entry.position(1);
            new_entry.child_entries = [];
            var is_expanded:
            if (res.selected_parent) {
                new_entry.parent(res.selected_parent);
                angular.forEach($scope.expanded_nodes, function(expanded_node) {
                    if (expanded_node == res.selected_parent) is_expanded = true;
                });
                if (!is_expanded) $scope.expanded_nodes.push(res.selected_parent);
            } else {
                angular.forEach($scope.expanded_nodes, function(expanded_node) {
                    if (expanded_node == $scope.perm_tree[0]) is_expanded = true;
                });
                if (!is_expanded) $scope.expanded_nodes.push($scope.perm_tree[0]);
            }

            $scope.display_entries.push(new_entry);

        } else {

        }
    });
}
egPermGrpTreeSvc.addDisplayEntries([new_entry]).then(function(addRes) {
    if (addRes) {
        if (res.is_root || !res.selected_parent) {
            angular.forEach($scope.perm_tree[0].child_entries, function(entry) {
                var newPos = entry.position();
                newPos++;
                entry.position(newPos);
                siblings.push(entry);
            });
        } else {
            var parent = egPermGrpTreeSvc.findEntry(res.selected_parent.id(), $scope.perm_tree[0].child_entries);
            angular.forEach(parent.child_entries, function(entry) {
                var newPos = entry.position();
                newPos++;
                entry.position(newPos);
                siblings.push(entry);
            });
        }
    } else {
        ngToast.create(egCore.strings.ADD_FAILURE);
    }
});

egPermGrpTreeSvc.updateDisplayEntries(siblings).then(function(updateRes) {
    ngToast.create(egCore.strings.ADD_SUCCESS);
    $scope.refreshTree($scope.selectedOrg, $scope.selected_entry);
});

$scope.openAddDialog = function(node, disabled_entries, edit_profiles, display_entries, selected_org) {
    return $uibModal.open({
        templateUrl: '/admin/local/permission/t_pgtde_add_dialog',
        backdrop: 'static',
        controller: [
            '$scope', '$uibModalInstance',
            function($scope, $uibModalInstance) {
                var getIsRoot = function() {
                    if (!node || node.permanent) return true;
                    return false;
                }

                var getSelectedParent = function() {
                    if (!node || node.permanent) return $scope.perm_tree;
                    return node;
                }
        }]
    });
}
var available_profiles = [];
angular.forEach(edit_profiles, function(grp) {
    grp._filter_grp = false;
    angular.forEach(display_entries, function(entry) {
        if (entry.org().id() == selected_org.id()) {
            if (entry.grp().id() == grp.id()) grp._filter_grp = true;
        }
    });
    if (!grp._filter_grp) available_profiles.push(grp);
});

$scope.context = {
    is_root: getIsRoot(),
    selected_parent: getSelectedParent(),
    edit_profiles: available_profiles,
    display_entries: display_entries,
    selected_org: selected_org
}

$scope.context.selected_grp = $scope.context.edit_profiles[0];

$scope.ok = function() {
    $uibModalInstance.close($scope.context);
}

$scope.cancel = function() {
    $uibModalInstance.dismiss();
}

var iteratePermTree = function(arr1, arr2) {
    angular.forEach(arr1, function(entry) {
        arr2.push(entry);
        if (entry.child_entries) iteratePermTree(entry.child_entries, arr2);
    });
}

$scope.removeEntry = function(node) {
    $scope.disabled_entries.push(node);
    iteratePermTree(node.child_entries, $scope.disabled_entries);
    var siblings;
    if (node.parent()) {

}}

$uibModalInstance.result;
siblings = egPermGrpTreeSvc.findEntry(node.parent(), $scope.perm_tree[0].child_entries).child_entries;
} else {
    siblings = $scope.perm_tree[0].child_entries;
}
angular.forEach(siblings, function(sibling) {
    var newPos = sibling.position();
    if (node.position() < sibling.position()) {
        newPos--;
    }
    sibling.position(newPos);
});

$scope.selected_entry = null;

egPermGrpTreeSvc.removeDisplayEntries($scope.disabled_entries).then(function(res) {
    if (res) {
        ngToast.create(egCore.strings.REMOVE_SUCCESS);
        $scope.refreshTree($scope.selectedOrg);
    } else {
        ngToast.create(egCore.strings.REMOVE_FAILURE);
    }
})

var getDisplayEntries = function() {
    $scope.edit_profiles = egPermGrpTreeSvc.edit_profiles;
    egPermGrpTreeSvc.organizeDisplayEntries($scope.selectedOrg.id());
    $scope.perm_tree[0].child_entries = egPermGrpTreeSvc.display_entries;
    $scope.display_entries = egPermGrpTreeSvc.pgtde_array;
    $scope.new_entries = [];
    $scope.disabled_entries = [];
    $scope.selected_entry = $scope.perm_tree[0];
    if (!$scope.expanded_nodes.length) iteratePermTree($scope.perm_tree, $scope.expanded_nodes);
}

$scope.saveEntries = function() {
    egProgressDialog.open();
    // Save Remaining Display Entries
    egPermGrpTreeSvc.updateDisplayEntries($scope.display_entries, $scope.selectedOrg.id())
    .then(function(res) {
        if (res) {
            ngToast.create(egCore.strings.UPDATE_SUCCESS);
            $scope.refreshTree($scope.selectedOrg, $scope.selected_entry);
        } else {
            ngToast.create(egCore.strings.UPDATE_FAILURE);
        }
    })
    .finally(egProgressDialog.close);
$scope.org_changed = function(org) {
    $scope.refreshTree(org.id());
}

$scope.refreshTree = function(ou_id, node) {
    egPermGrpTreeSvc.fetchDisplayEntries(ou_id).then(function() {
        getDisplayEntries();
        if (node) $scope.selected_entry = node;
    });
}

egCore.startup.go(function() {
    $scope.refreshTree(egCore.auth.user().ws_ou());
});

.controller('EmbedConifyCtl',
    ['$scope', '$routeParams', '$location', 'egCore',
    function($scope , $routeParams , $location , egCore) {

        $scope.funcs = {
            ses : egCore.auth.token(),
        }

        var conify_path = '/eg/conify/global/' +
                        $routeParams.schema + '/' + $routeParams.page;

        $scope.min_height = 800;

        // embed URL must include protocol/domain or it will be loaded via
        // push-state, resulting in an infinitely nested pages.
        $scope.local_admin_url =
            $location.absUrl().replace(/\/eg\/staff.*/, conify_path);

        console.log('Loading local admin URL: ' + $scope.local_admin_url);
    }])
BEGIN;

SELECT evergreen.upgrade_deps_block_check('0891', :eg_version);

UPDATE permission.perm_list
SET description = 'Allows a user to process and verify URLs'
WHERE code = 'URL_VERIFY';

COMMIT;
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BEGIN;

INSERT INTO config.upgrade_log (version) VALUES ('0175'); -- From patch by Jason Stephenson (applied by miker)

CREATE OR REPLACE FUNCTION permission.usr_has_perm_at_nd(
user_id    IN INTEGER,
perm_code  IN TEXT
)
RETURNS SETOF INTEGER AS $$
--
-- Return a set of all the org units for which a given user has a given
-- permission, granted directly (not through inheritance from a parent
-- org unit).
--
-- The permissions apply to a minimum depth of the org unit hierarchy,
-- for the org unit(s) to which the user is assigned. (They also apply
-- to the subordinates of those org units, but we don't report the
-- subordinates here.)
--
-- For purposes of this function, the permission.usr_work_ou_map table
-- defines which users belong to which org units. I.e. we ignore the
-- home_ou column of actor.usr.
--
-- The result set may contain duplicates, which should be eliminated
-- by a DISTINCT clause.
--
DECLARE
  b_super       BOOLEAN;
  n_perm        INTEGER;
  n_min_depth   INTEGER;
  n_work_ou     INTEGER;
  n_curr_ou     INTEGER;
  n_depth       INTEGER;
  n_curr_depth  INTEGER;
BEGIN
  --
  -- Check for superuser
  --
  SELECT INTO b_super
    super_user
  FROM
    actor.usr
  WHERE
    id = user_id;
  --
  IF NOT FOUND THEN
    return;         -- No user? No permissions.
  ELSIF b_super THEN
    --
    -- Super user has all permissions everywhere
    --
    FOR n_work_ou IN
      SELECT ...
id
FROM
actor.org_unit
WHERE
parent_ou IS NULL
LOOP
RETURN NEXT n_work_ou;
END LOOP;
RETURN;
END IF;
--
-- Translate the permission name
-- to a numeric permission id
--
SELECT INTO n_perm
  id
FROM
  permission.perm_list
WHERE
  code = perm_code;
--
IF NOT FOUND THEN
  RETURN;  -- No such permission
END IF;
--
-- Find the highest-level org unit (i.e. the minimum depth)
-- to which the permission is applied for this user
--
-- This query is modified from the one in permission.usr_perms().
--
SELECT INTO n_min_depth
  min(depth)
FROM  
SELECT depth
  FROM permission.usr_perm_map upm
  WHERE upm.usr = user_id
  AND (upm.perm = n_perm OR upm.perm = -1)
  UNION
SELECT  gpm.depth
  FROM permission.grp_perm_map gpm
  WHERE (gpm.perm = n_perm OR gpm.perm = -1)
  AND gpm.grp IN ( 
    SELECT (permission.grp_ancestors( 
      (SELECT profile FROM actor.usr WHERE id = user_id) 
    )).id 
  )
  UNION 
SELECT  p.depth
  FROM
FROM permission.grp_perm_map p
WHERE (p.perm = n_perm OR p.perm = -1)
AND p.grp IN (  
    SELECT (permission.grp_ancestors(m.grp)).id  
    FROM permission.usr_grp_map m  
    WHERE m.usr = user_id  
)  
) AS x;
--
IF NOT FOUND THEN
    RETURN;                -- No such permission for this user
END IF;
--
-- Identify the org units to which the user is assigned.  Note that
-- we pay no attention to the home_ou column in actor.usr.
--
FOR n_work_ou IN
    SELECT  
        work_ou
    FROM  
        permission.usr_work_ou_map  
    WHERE  
        usr = user_id
LOOP            -- For each org unit to which the user is assigned
    --
    -- Determine the level of the org unit by a lookup in actor.org_unit_type.
    -- We take it on faith that this depth agrees with the actual hierarchy
    -- defined in actor.org_unit.
    --
    SELECT INTO n_depth  
        type.depth
    FROM  
        actor.org_unit_type type
            INNER JOIN actor.org_unit ou
                ON ( ou.ou_type = type.id )
    WHERE  
        ou.id = n_work_ou;
    --
    IF NOT FOUND THEN
        CONTINUE;        -- Maybe raise exception?
    END IF;
    --
    -- Compare the depth of the work org unit to the
    -- minimum depth, and branch accordingly
    --
    IF n_depth = n_min_depth THEN
        --
        -- The org unit is at the right depth, so return it.
RETURN NEXT n_work_ou;
ELSIF n_depth > n_min_depth THEN
  -- Traverse the org unit tree toward the root,
  -- until you reach the minimum depth determined above
  --
  n_curr_depth := n_depth;
  n_curr_ou := n_work_ou;
  WHILE n_curr_depth > n_min_depth LOOP
    SELECT INTO n_curr_ou
      parent_ou
    FROM
      actor.org_unit
    WHERE
      id = n_curr_ou;
    --
    IF FOUND THEN
      n_curr_depth := n_curr_depth - 1;
    ELSE
      -- This can happen only if the hierarchy defined in
      -- actor.org_unit is corrupted, or out of sync with
      -- the depths defined in actor.org_unit_type.
      -- Maybe we should raise an exception here, instead
      -- of silently ignoring the problem.
      --
      n_curr_ou = NULL;
      EXIT;
    END IF;
  END LOOP;
  --
  IF n_curr_ou IS NOT NULL THEN
    RETURN NEXT n_curr_ou;
  END IF;
ELSE
  -- The permission applies only at a depth greater than the work org unit.
  -- Use connectby() to find all dependent org units at the specified depth.
  --
  FOR n_curr_ou IN
    SELECT ou::INTEGER
    FROM connectby(
      'actor.org_unit',       -- table name
      'id',                   -- key column
      'parent_ou',            -- recursive foreign key
      n_work_ou::TEXT,        -- id of starting point
      (n_min_depth - n_depth) -- max depth to search, relative
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AS t
  ou text, -- dependent org unit
  parent_ou text, -- (ignore)
  level int -- depth relative to starting point
)
WHERE
  level = n_min_depth - n_depth
LOOP
  RETURN NEXT n_curr_ou;
END LOOP;
END IF;
--
END LOOP;
--
RETURN;
--
END;
$$ LANGUAGE 'plpgsql';

COMMIT;
Oxygen Icons 4.3.1 (KDE) (oxygen)
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link: http://packages.debian.org/lenny/app-install-data
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Icons Used:
gnome-dictionary.svg

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db_update.png
BEGIN;

INSERT INTO config.upgrade_log (version) VALUES ('0179'); -- dbs

INSERT INTO permission.perm_list (id, code, description)
VALUES (363, 'ALLOW_ALT_TCN', 'Allows staff to import a record using an alternate TCN to avoid conflicts');

INSERT INTO permission.perm_list (id, code, description)
VALUES (364, 'ADMIN_TRIGGER_EVENT_DEF', 'Allow a user to administer trigger event definitions');

COMMIT;

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<% WRAPPER base.tt2 %>
<% ctx.page_title = l('Group Penalty Thresholds') %>

<div dojoType="dijit.layout.ContentPane" layoutAlign="client" class='oils-header-panel'>
  <div>
    [% l('Penalty Threshold') %]
  </div>
  <div>
    <button dojoType='dijit.form.Button' onClick='gptGrid.showCreateDialog()'>[% l('New Penalty Threshold') %]</button>
    <button dojoType='dijit.form.Button' onClick='gptGrid.deleteSelected()'>[% l('Delete Selected') %]</button>
  </div>
</div>

<% ctx.page_title = l('Group Penalty Thresholds') %>

<div dojoType="dijit.layout.ContentPane" layoutAlign="client">
  <span>[% l('Context Org Unit') %]</span>
  <select dojoType="openils.widget.OrgUnitFilteringSelect"
    jsId='contextOrgSelector'
    searchAttr='shortname'
    labelAttr='shortname'>
BEGIN;
SELECT evergreen.upgrade_deps_block_check('1050', :eg_version); -- mmorgan/cesardv/gmcharlt

CREATE OR REPLACE FUNCTION permission.usr_perms ( INT ) RETURNS SETOF permission.usr_perm_map AS $$
SELECT DISTINCT ON (usr,perm) *
FROM (SELECT * FROM permission.usr_perm_map WHERE usr = $1)
UNION ALL
(SELECT -p.id, $1 AS usr, p.perm, p.depth, p.grantable
FROM permission.grp_perm_map p
WHERE p.grp IN (SELECT (permission.grp_ancestors(m.grp)).id FROM permission.usr_grp_map m WHERE usr = $1))
) AS x

$$
AS $$
FROM (SELECT * FROM permission.usr_perm_map WHERE usr = $1)
UNION ALL
(SELECT -p.id, $1 AS usr, p.perm, p.depth, p.grantable
FROM permission.grp_perm_map p
WHERE p.grp IN (SELECT (permission.grp_ancestors(m.grp)).id FROM permission.usr_grp_map m WHERE usr = $1))
) AS x
ORDER BY 2, 3, 4 ASC, 5 DESC;
$$ LANGUAGE SQL STABLE ROWS 10;

COMMIT;
BEGIN;

INSERT INTO config.upgrade_log (version) VALUES ('0058'); -- miker

ALTER TABLE config.org_unit_setting_type ADD COLUMN view_perm INT REFERENCES permission.perm_list (id) ON DELETE SET NULL DEFERRABLE INITIALLY DEFERRED;
ALTER TABLE config.org_unit_setting_type ADD COLUMN update_perm INT REFERENCES permission.perm_list (id) ON DELETE SET NULL DEFERRABLE INITIALLY DEFERRED;
COMMIT;
dojo.require('dijit.form.FilteringSelect');
dojo.require('openils.widget.AutoGrid');
dojo.require('openils.widget.OrgUnitFilteringSelect');
dojo.require('openils.widget.PermGrpFilteringSelect');

function buildGrid(org_id) {
    var org_id = openils.User.user.ws_ou();
    var list = fieldmapper.aou.findOrgUnit(org_id).orgNodeTrail().map( function (i) {
        return i.id() ;
    } );

    gptGrid.loadAll({order_by:{pgpt : 'grp'}},{org_unit:list});

    new openils.User().buildPermOrgSelector('VIEW_GROUP_PENALTY_THRESHOLD', contextOrgSelector, null, function() {
        dojo.connect(contextOrgSelector, 'onChange', filterGrid);});
}

function filterGrid() {
    gptGrid.resetStore();
    var unit = contextOrgSelector.getValue();
    var list = fieldmapper.aou.findOrgUnit(unit).orgNodeTrail().map( function (i) {
        return i.id() ;
    } );

    if(unit)
        gptGrid.loadAll({order_by:{pgpt : 'grp'}},{org_unit:list});
    else
        gptGrid.loadAll({order_by:{pgpt : 'grp'}});
}

openils.Util.addOnLoad(buildGrid);
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[1]: http://eligrey.com

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-->
<!DOCTYPE html PUBLIC
"-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd" [<!--#include virtual="/opac/locale/${locale}/conify.dtd"-->
]
<html xmlns="http://www.w2.org/1999/xhtml">
<head>
<title>&conify.grp_tree.group_tree.title;</title>

<style type="text/css">
@import url('js/dojo/dojox/grid/_grid/tundraGrid.css');
@import url('js/dojo/dojox/resources/dojo.css');
@import url('js/dojo/dijit/themes/tundra/tundra.css');
@import url('js/dojo/dojox/widget/Toaster/Toaster.css');
</style>
```javascript
var dirtyStore = [];
var current_group;

var _group_list = server.pcrud.retrieveAll('pgt', { order_by : { pgt : 'name' } });
var _group_data = pgt.toStoreData(_group_list);
var group_store = new dojo.data.ItemFileWriteStore({ data : _group_data });

group_store.onSet = function(item, attr, o, n) {
    if (attr == 'ischanged') return;
    if (n == o) return;
    this.setValue(item, 'ischanged', 1);
};

dojo.addOnUnload(function(event) {

    group_store.fetch(
        query : { ischanged : 1 },
        queryOptions : { deep : true },
        onItem : function(item, req) { try { if (this.isItem(item)) dirtyStore.push(item); } catch (e) { /* meh */
        }
    },
    scope : group_store
    );

    if (dirtyStore.length > 0) {
        var confirmation = confirm(pgt_strings.CONFIRM_EXIT_PGT);

        if (confirmation) {
            for (var i in dirtyStore) {
                current_group = dirtyStore[i];
                save_group(true);
            }
        }
    }

    var _ou_type_list = server.pcrud.retrieveAll('aout', { order_by : { aout : 'depth' } });
    var _ou_type_data = aout.toStoreData(_ou_type_list);
    var ou_type_store = new dojo.data.ItemFileReadStore({ data : _ou_type_data });

    var _perm_list = server.pcrud.retrieveAll('ppl', { order_by : { ppl : 'code' } });
    var _perm_data = ppl.toStoreData(_perm_list, 'code');
```
var _perm_name_data = ppl.toStoreData( _perm_list, 'code', { identifier : 'code' } );

var perm_store = new dojo.data.ItemFileWriteStore( { data : _perm_data } );
var perm_name_store = new dojo.data.ItemFileWriteStore( { data : _perm_name_data } );

var _perm_map_list = server.pcrud.retrieveAll('pgpm');
var _perm_map_data = pgpm.toStoreData( _perm_map_list, 'id' );
var perm_map_store = new dojo.data.ItemFileWriteStore( { data : _perm_map_data } );

perm_map_store.onSet = function (item, attr, o, n) {
    if (attr == 'ischanged') return;
    if (n == o) return;

    this.setValue( item, 'ischanged', 1);

    if (attr == 'grantable' && (typeof (n) != 'string'))
        this.setValue(item, 'grantable', n ? 't' : 'f');
}

dojo.addOnUnload( function (event) { save_them_all(); });

</head>
<body class="tundra" id='pagebody'>

<div dojoType="dijit.layout.SplitContainer" orientation="horizontal" style="height: 100%">
  
  <div dojoType="dijit.layout.ContentPane" sizeShare="100">
    
    <div id="group_tree" label="&conify.grp_tree.permission_groups.label;"
      dojoType="dijit.Tree"
      store="group_store"
      query="{'_top':'true'}"
      minSize="200"
      jsId="group_tree"
    >

    <script type="dojo/method" event="onClick" args="item,node">
      <![CDATA[
      right_pane_toggler.show();

      current_group = item;
      window.current_fm_group = new pgt().fromStoreItem(item);

      perm_map_model.query = { grp : current_group ? group_store.getValue(current_group,'id') : -1 };
      ]]></script>

  </div>

</div>
</div>
perm_map_model.refresh();
perm_grid.refresh();

highlighter.editor_pane.green.play();
status_update( dojo.string.substitute( pgt_strings.STATUS_EDITING, [this.store.getValue( item, 'name' )]) );

new_kid_button.disabled = false;
save_group_button.disabled = false;
delete_group_button.disabled = false;

var main_settings_fields = [ 'name', 'perm_interval', 'description'];
for ( var i in main_settings_fields ) {
  var field = main_settings_fields[i];
  var value = this.store.getValue( current_group, field );
  if (!value) {
    window["editor_pane_" + field].setValue( '' ); // unset the value
    if (field != 'description') window["editor_pane_" + field].setDisplayValue( '' ); // unset the value
  } else window["editor_pane_" + field].setValue( value );
}

if ( this.store.getValue( current_group, '_trueRoot' ) == 'true' ) {
  editor_pane_parent.disabled = true;
  editor_pane_parent.setValue( null);
  editor_pane_parent.setDisplayedValue( '');
  editor_pane_parent.validate( false);
} else {
  editor_pane_parent.disabled = false;
  editor_pane_parent.validate( true);
  editor_pane_parent.setValue( this.store.getValue( current_group, 'parent' ) );
}

editor_pane_application_perm.setValue( this.store.getValue( current_group, 'application_perm' ) );
editor_pane_hold_priority.setValue( this.store.getValue( current_group, 'hold_priority' ) );

editor_pane_usergroup.setChecked( this.store.getValue( current_group, 'usergroup' ) == 't' ? true : false );
</script>

<script type="dojo/method" event="getLabel" args="item,pI">
var label = this.store.getValue(item,'name');
if (this.store.getValue(item,'ischanged') == 1) label = '* ' + label;
return label;
</script>

</div>
</div>
window.right_pane_toggler = new dojo.fx.Toggler({ node: 'right_pane' });
window.right_pane_toggler.hide();

highlighter.group_tree = {};
highlighter.group_tree.green = dojox.fx.highlight( { color : '#B4FFB4', node : 'group_tree', duration : 500 } );
highlighter.group_tree.red = dojox.fx.highlight( { color : '#FF2018', node : 'group_tree', duration : 500 } );
highlighter.editor_pane.green = dojox.fx.highlight( { color : '#B4FFB4', node : 'editor_pane', duration : 500 } );
highlighter.editor_pane.red = dojox.fx.highlight( { color : '#FF2018', node : 'editor_pane', duration : 500 } );

<table class="tundra" style="margin:10px;">
<tr>
<th>&conify.grp_tree.group_name.label;</th>
<td>
<span id="editor_pane_name" dojoType="dijit.form.ValidationTextBox" jsId="editor_pane_name" regExp=".+" required="true">
<script type="dojo/connect" event="onChange">
if (current_group) {
group_store.setValue( current_group, "name", this.getValue() );
}
</script>
</span>
</td>
</tr>
<tr>
<th>&conify.grp_tree.description.label;</th>
<td>
<textarea id="editor_pane_description" dojoType="dijit.form.Textarea" jsId="editor_pane_description" onChange="if (current_group) group_store.setValue( current_group, 'description', this.getValue() );"/>
</textarea>
</td>
</tr>
<tr>
<th>&conify.grp_tree.permission_interval.label;</th>
<td>
</td>
</tr>
</table>
<table>
<thead>
<tr>
<th>th</th>
<th>&amp;conify.grp_tree.parent_group.label;</th>
</tr>
</thead>
</table>
| td | <div id="editor_pane_parent"
    dojoType="dijit.form.FilteringSelect"
    jsId="editor_pane_parent"
    store="group_store"
    searchAttr="name"
    ignoreCase="true"
    required="true"
> 
  <script type="dojo/connect" event="onChange">
  <![CDATA[
  if (current_group && this.getValue()) {
    this.store.setValue( current_group, "parent", this.getValue() );
  }
  ]]>
  </script>
</div> |
| th | &conify.grp_tree.user_group.label; |
| td | <input id="editor_pane_usergroup"
    jsId="editor_pane_usergroup"
    type="checkbox"
    dojoType="dijit.form.CheckBox"
    onChange="if (current_group) group_store.setValue( current_group, 'usergroup', this.checked ? 't' : 'f' );"/>
|}
this.disabled = true;
</script>
<script type="dojo/connect" event="onClick">
<![CDATA[

if (group_store.getValue( current_group, '_trueRoot' ) == 'true') {
highlighter.editor_pane.red.play();
status_update( dojo.string.substitute( pgt_strings.STATUS_ERR_DELETING, [group_store.getValue( current_group, 'name' )] ) );
return false;
}

if ( current_group.children ) {
var kids = current_group.children;
if (!dojo.isArray(kids)) kids = [kids];

var existing_kids = dojo.filter(kids, function(kid){ return kid.isdeleted[0] != 1 });
if (existing_kids.length > 0) {
highlighter.editor_pane.red.play();
status_update( dojo.string.substitute( pgt_strings.STATUS_ERR_DELETING_DEPENDENCY, [group_store.getValue( current_group, 'name' ), existing_kids.length] ) );
return;
}

if (confirm( dojo.string.substitute( pgt_strings.CONFIRM_DELETE, [current_group.name] ) ) ) {
group_store.setValue( current_group, 'isdeleted', 1 );

var modified_pgt = new pgt().fromStoreItem( current_group );
modified_pgt.isdeleted( 1 );

server.pcrud.eliminate( modified_pgt, { onerror : function (r) {
highlighter.editor_pane.red.play();
status_update( dojo.string.substitute( pgt_strings.CONFIRM_DELETE, [group_store.getValue( current_group, 'name' )] ) );
},
oncomplete : function (r) {
var old_name = group_store.getValue( current_group, 'name' );

group_store.fetch({
query : { id : group_store.getValue( current_group, 'id' ) },
queryOptions : { deep : true },
onItem : function (item, req) { try { if (this.isItem( item )) this.deleteItem( item ); } catch (e) { /* meh */ } },
scope : group_store
});

status_update( dojo.string.substitute( pgt_strings.STATUS_ERR_DELETING, [group_store.getValue( current_group, 'name' )] ) );
return false;
}

}]])
</script>
current_group = null;

new_kid_button.disabled = true;
save_group_button.disabled = true;
delete_group_button.disabled = true;

var main_settings_fields = [ 'name', 'perm_interval', 'description' ];
for ( var i in main_settings_fields ) {
    var field = main_settings_fields[i];
    window['editor_pane_' + field].setValue( '' ); // unset the value
    window['editor_pane_' + field].setDisplayedValue( '' ); // unset the value
}

window['editor_pane_usergroup'].setChecked( false ); // unset the value

highlighter.editor_pane.green.play();
status_update( dojo.string.substitute( pgt_strings.STATUS_DELETED, [old_name]) );
}
});

</div>

<button jsId="new_kid_button" dojoType="dijit.form.Button" label="&conify.grp_tree.new_child_button.label;">
<script type="dojo/connect" event="startup">
this.disabled = true;
</script>
<script type="dojo/connect" event="onClick">
<![CDATA[
var new_fm_obj = new pgt().fromHash({
isnew: 1,
name: pgt_strings.LABEL_NEW_GROUP,
usergroup: 'f',
parent: group_store.getValue( current_group, 'id' )
});

var err = false;

server.pcrud.create( new_fm_obj, {
onerror : function (r) {
    highlighter.editor_pane.red.play();
}
status_update( pgt_strings.ERROR_CALLING_METHOD_PGT );
err = true;
}

oncomplete : function (r,list) {
  group_store.newItem( list[0].toStoreItem(), { parent : current_group, attribute : 'children' } );
}
});

if (!err) {
  highlighter.editor_pane.green.play();
  highlighter.group_tree.green.play();
  status_update( dojo.string.substitute( pgt_strings.SUCCESS_NEW_CHILD_GROUP, [group_store.getValue(current_group,'name')]) );
}
</script>
</button>

</div>

<script type="dojo/connect" event="onShow">
perm_map_model.query = { grp : current_group ? group_store.getValue(current_group,'id') : -1 }; 
perm_map_model.refresh();
perm_grid.refresh();
</script>

<div dojoType="dijit.layout.LayoutContainer" orientation="horizontal" style="width:100%; height:100%; min-height: 250px">
  <div id="grid_container" dojoType="dijit.layout.ContentPane" sizeShare="1" layoutAlign="left">
    <div dojoType="dojox.grid.data.DojoData" id="perm_map_model" jsId="perm_map_model" store="perm_map_store"></div>
  </div>
  <div id="perm_grid" dojoType="dojox.Grid" model="perm_map_model" jsId="perm_grid"></div>
</div>

<script type="dojo/connect" event="startup">
<![CDATA[
function get_item_part(model_field, item_search_field, item_part, model, store, datum, row) {
  var formatter = true;

  if (!row & row != '0') {
    row = datum;
    formatter = false;
  }

  if(!model.getRow(row)) return null;
  var value = null;

  if(!formatter) {
    //this.editor && (this.editor.alwaysOn || (this.grid.edit.info.rowIndex==row & &
    this.grid.edit.info.cell==this)) {
      
    } else {
      //row && (this.editor.alwaysOn ||
       
    }
  }
  return value;

}]]>
</script>
return model.getRow(row)[model_field];
}

var q = {};
q[item_search_field] = model.getRow(row)[model_field];

store.fetch({
query : q,
onItem : function (item) { value = store.getValue(item, item_part ) }
});

return value;
}

window.current_perm_grid_layout = [
{
cells : [

{name : pgt_strings.LABEL_CODE,
field: "perm",
formatter : dojo.partial(get_item_part, "perm", "id", "code", perm_map_model, perm_store),
width : "auto"
},

{name : pgt_strings.LABEL_DEPTH,
field : "depth",
formatter : dojo.partial(get_item_part, "depth", "depth", "name", perm_map_model, ou_type_store),
editor : dojox.grid.editors.select,
options : dojo.map( _ou_type_list, function (x) { return x.name() } ),
values : dojo.map( _ou_type_list, function (x) { return x.depth() } )
},

{name : pgt_strings.LABEL_GRANTABLE,
field : "grantable",
editor : dojox.grid.editors.bool,
get : function (row) {
var gr = get_item_part("id", "id", "grantable", perm_map_model, perm_map_model.store, row, row);
if (gr == 't' || gr === true) return true;
return false;
},
}
]
]

perm_grid.setStructure(window.current_perm_grid_layout);
]>
</script>
</div>
<div id="new_perm_container" dojoType="dijit.layout.ContentPane" sizeShare="1" layoutAlign="client">

<div dojoType="dijit.form.DropDownButton" id="new_popup" jsId="new_popup">
  <span>&conify.grp_tree.new_mapping.label;</span>
  <div dojoType="dijit.TooltipDialog">
    <table class="tundra">
      <tr>
        <td>&conify.grp_tree.permission.label;</td>
        <td>
          <div dojoType="dijit.form.FilteringSelect" Id="new_perm_select" jsId="new_perm_select" store="perm_store" searchAttr="code" ignoreCase="true" required="true"></div>
        </td>
      </tr>
      <tr>
        <td>&conify.grp_tree.depth.label;</td>
        <td>
          <div dojoType="dijit.form.FilteringSelect" Id="new_depth_select" jsId="new_depth_select" store="ou_type_store" searchAttr="name" ignoreCase="true" required="true"></div>
        </td>
      </tr>
      <tr>
        <td>&conify.grp_tree.grantable.label;</td>
        <td>
          <input type="checkbox" dojoType="dijit.form.CheckBox" Id="new_grant_checkbox" jsId="new_grant_checkbox" value="t"></input>
        </td>
      </tr>
    </table>
    <button dojoType="dijit.form.Button" jsId="new_mapping_add" label="&conify.grp_tree.add_mapping_button.label;">
    </button>
  </div>
</div>
<script type="dojo/connect" event="onClick">
<![CDATA[
    var new_perm = new_perm_select.getValue();
    if (!new_perm) return;

    var new_type_id = new_depth_select.getValue();
    if (!new_type_id) return;

    var new_type;
    window.ou_type_store.fetch({
        query : { id : new_type_id },
        onItem : function (item, req) { try { new_type = item } catch (e) { /* meh */ } },
    });

    var new_depth = ou_type_store.getValue( new_type, 'depth' )
    var new_grant = new_grant_checkbox.getValue();

    var new_fm_obj = new pgpm().fromHash({
        isnew    : 1,
        perm     : new_perm,
        depth    : new_depth,
        grp: group_store.getValue( current_group, 'id' ),
        grantable: new_grant ? 't' : 'f'
    });

    var err = false;
    server.pcrud.create(new_fm_obj, {
        onerror : function (r) {
            highlighter.group_tree.red.play();
            status_update( pgt_strings.ERROR_CALLING_METHOD_PERM_MAP );
            err = true;
        },
        oncomplete : function (r, list) {
            var new_item_hash = list[0].toStoreItem();
            perm_map_store.newItem( new_item_hash );
            status_update( pgt_strings.SUCCESS_NEW_PERM_MAP );
            highlighter.group_tree.green.play();

            perm_map_model.query = { grp : current_group ? group_store.getValue(current_group,'id') : -1 };
            perm_grid.model.sort(-1);
            perm_map_model.refresh();
            perm_grid.refresh();
        }
    });

    new_popup._closeDropDown();
]]>"
var selected_rows = perm_grid.selection.getSelected();

var selected_items = [];
for (var i in selected_rows) {
    selected_items.push(
        perm_grid.model.getRow( selected_rows[i] ).__dojo_data_item
    );
}

perm_grid.selection.clear();

for (var i in selected_items) {
    window.current_perm_map = selected_items[i];

    perm_map_store.setValue( window.current_perm_map, 'isdeleted', 1 );

    var modified_pgpm = new pgpm().fromStoreItem( window.current_perm_map );
    modified_pgpm.isdeleted( 1 );

    server.pcrud.eliminate( modified_pgpm, {
        onerror : function (r) {
            highlighter.editor_pane.red.play();
            status_update( dojo.string.substitute( pgt_strings.ERROR_DELETING_PERM_MAPPING, [perm_map_store.getValue( window.current_perm_map, 'id' )] ) );
        },
        oncomplete : function (r, list) {
            perm_map_store.fetch({
                query : { id : perm_map_store.getValue( window.current_perm_map, 'id' ) },
                onItem : function (item, req) { try { if (this.isItem( item )) this.deleteItem( item ); } catch (e) { /* meh */ } },
                scope : perm_map_store
            });
        }
    });
window.current_perm_map = null;

highlighter.editor_pane.green.play();
    status_update( pgt_strings.SUCCESS_DELETED_PERM_MAP );
    }
    });

</button>
</div>
</div>
</div>
</div>
</div>
</body>
</html>

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BEGIN;

INSERT INTO config.upgrade_log (version) VALUES ('0182'); -- dbs

INSERT INTO permission.perm_list (code, description) VALUES
('ADMIN_TRIGGER_CLEANUP', 'Allow a user to create, delete, and update trigger cleanup entries'),
('CREATE_TRIGGER_CLEANUP', 'Allow a user to create trigger cleanup entries'),
('DELETE_TRIGGER_CLEANUP', 'Allow a user to delete trigger cleanup entries'),
('UPDATE_TRIGGER_CLEANUP', 'Allow a user to update trigger cleanup entries'),
('CREATE_TRIGGER_EVENT_DEF', 'Allow a user to create trigger event definitions'),
('DELETE_TRIGGER_EVENT_DEF', 'Allow a user to delete trigger event definitions'),
('UPDATE_TRIGGER_EVENT_DEF', 'Allow a user to update trigger event definitions'),
('VIEW_TRIGGER_EVENT_DEF', 'Allow a user to view trigger event definitions'),
('ADMIN_TRIGGER_HOOK', 'Allow a user to create, update, and delete trigger hooks'),
('CREATE_TRIGGER_HOOK', 'Allow a user to create trigger hooks'),
('DELETE_TRIGGER_HOOK', 'Allow a user to delete trigger hooks'),
('UPDATE_TRIGGER_HOOK', 'Allow a user to update trigger hooks'),
('ADMIN_TRIGGER_REACTOR', 'Allow a user to create, update, and delete trigger reactors'),
('CREATE_TRIGGER_REACTOR', 'Allow a user to create trigger reactors'),
('DELETE_TRIGGER_REACTOR', 'Allow a user to delete trigger reactors'),
('UPDATE_TRIGGER_REACTOR', 'Allow a user to update trigger reactors'),
('ADMIN_TRIGGER_TEMPLATE_OUTPUT', 'Allow a user to delete trigger template output'),
('DELETE_TRIGGER_TEMPLATE_OUTPUT', 'Allow a user to delete trigger template output'),
('ADMIN_TRIGGER_VALIDATOR', 'Allow a user to create, update, and delete trigger validators'),
('CREATE_TRIGGER_VALIDATOR', 'Allow a user to create trigger validators'),
('DELETE_TRIGGER_VALIDATOR', 'Allow a user to delete trigger validators'),
('UPDATE_TRIGGER_VALIDATOR', 'Allow a user to update trigger validators')
;

-- Add trigger administration permissions to the Local System Administrator group
INSERT INTO permission.grp_perm_map (grp, perm, depth, grantable)
SELECT 10, id, 1, false FROM permission.perm_list
    WHERE code LIKE 'ADMIN_TRIGGER%'
    OR code LIKE 'CREATE_TRIGGER%'
    OR code LIKE 'DELETE_TRIGGER%'
    OR code LIKE 'UPDATE_TRIGGER%'
;

-- View trigger permissions are required at a consortial level for initial setup
INSERT INTO permission.grp_perm_map (grp, perm, depth, grantable)
    SELECT 10, id, 0, false FROM permission.perm_list WHERE code LIKE 'VIEW_TRIGGER%';

COMMIT;
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BEGIN;

INSERT INTO config.upgrade_log (version) VALUES ('0341'); -- gmc
INSERT INTO permission.perm_list (id, code, description) SELECT DISTINCT
    392,
    'COPY_NEEDED_FOR_HOLD.override',
oils_i18n_gettext(
        392,
        'Allow a user to force renewal of an item that could fulfill a hold request',
        'ppl',
        'description'
    )
FROM permission.perm_list
WHERE NOT EXISTS (SELECT 1 FROM permission.perm_list WHERE code = 'COPY_NEEDED_FOR_HOLD.override');
-- near as I can tell, COPY_NEEDED_FOR_HOLD.override never existed as seed data but was manually
-- added by a fair number of Evergreen users in the past
COMMIT;
BEGIN;
INSERT INTO config.upgrade_log (version) VALUES ('0150'); -- dbs
INSERT INTO permission.perm_list (id, code, description)
VALUES (362, 'MERGE_USERS', 'Allows user records to be merged');
COMMIT;
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1.205 python-snmp-framework 4.2.5

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1.206 spring-framework 4.3.12

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<hibernate-mapping auto-import="true" default-lazy="false">
  <class name="org.springframework.test.context.junit4.orm.domain.DriversLicense" table="drivers_license">
    <id name="id" column="id">
      <generator class="identity"/>
    </id>
    <property name="number" column="license_number"/>
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import javax.persistence.Entity;
import javax.persistence.Id;
import javax.persistence.Table;

@Entity
@Table(name="DRIVERS_LICENSE")
public class DriversLicense {

@Id
private int id;

private String serial_number;

protected DriversLicense() {
}

public DriversLicense(String serialNumber) {
    this.serial_number = serialNumber;
}

public String getSerialNumber() {
    return serial_number;
}

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*/

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/**
 * DriversLicense POJO.
 *
 * @author Sam Brannen
 * @since 3.0
 */

public class DriversLicense {

    private Long id;

    private Long number;

    public DriversLicense() {
    }

    public DriversLicense(Long number) {
        this(null, number);
    }

    public DriversLicense(Long id, Long number) {
        this.id = id;
        this.number = number;
    }

    public Long getId() {
        return this.id;
    }

    protected void setId(Long id) {
        this.id = id;
    }

    public Long getNumber() {
        return this.number;
    }

    public void setNumber(Long number) {
        this.number = number;
    }

}
1.207 reactor-core 2.0.7

1.208 tomcat-annotations-api 8.5.23

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1.210 commons-beanutils 1.9.3

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions.

THE BASIC LIBRARY FUNCTIONS

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THE C++ WRAPPER FUNCTIONS

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THE BASIC LIBRARY FUNCTIONS
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