



# **PEOPLESOF<sup>T</sup> SERVERS**

## **DIRECTORY VIEWER**

Technical design

Author: E. La Haye  
Version: 1.1  
Date: 24-02-2021



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# 1. VERSION CONTROL

## 1.1. CHANGE HISTORY

| Date       | Author     | Version | Changes made  |
|------------|------------|---------|---|
| 20-02-2020 | E. La Haye | 1       |   |
| 24-02-2020 | E. La Haye | 1.1     | <ol style="list-style-type: none"><li>1. made the viewer independent of PeopleSoft Campus Solutions objects and styles.<ol style="list-style-type: none"><li>a. Changes to application classes.</li><li>b. Changes to the style sheet.</li><li>c. new page for confirmation messaging.</li><li>d. Record replacements on the view page</li><li>e. Changed table Space for record</li></ol></li><li>2. Made the setup component "standard" ClassicPlus style.</li><li>3. <b>Deleted obsolete record CY2_PSS_DIR_DHD.</b></li><li>4. Updated the technical content for the project in the TD with the new version of the project.</li></ol> |
|            |            |         |   |

## **2. PREFACE**

This document describes the technical design of the PeopleSoft Servers directory viewer functionality.

### **2.1. NAVIGATION**

This functionality can (by default) be found through navigation: **Root > CY2 Projects > PeopleSoft servers directory**.

### **2.2. DOCUMENTATION**

The documentation of the PeopleSoft Servers directory viewer can be found on Github and in the Documentation folder which is part of the Change Assistant Zip package.

## 3. GLOBAL DESIGN

### 3.1. GLOBAL DESIGN

The ‘PeopleSoft Directory Viewer’ functionality delivers front-end functionality to manage files and directories on PeopleSoft servers for end users.

The functionality consists of:

1. Setup component where administrators can define the permissions available for different directories on the PeopleSoft Servers for end users.
2. Viewer component where end users can manage files and directories on the PeopleSoft Servers.

#### Common uses:

The functionality is commonly used to:

1. Allow developers access to log files on the application server and web server for debugging errors and viewing integration logs.
2. Allow end users the ability to upload and delete files to / from specific directories that can be used as upload directories for business transactions that require external files (csv / excel / etc.).
3. Allow admins easy access for server directories while using the front-end application.

A word of caution: working with PeopleSoft servers means working with the real server directories that are necessary to keep the PeopleSoft environment running. Any file transaction that end users can perform cannot be undone. Delete is Delete!

The functionality can safely be used in a production environment if and when you have clearly defined which end users can perform which file transactions in which directories.

## 4. TECHNICAL DESCRIPTION

### 4.1. PS SERVERS DIRECTORY SETUP

Based on a permission list security model we grant access to parts of the application / process scheduler / web server(s) that the system user that controls PeopleSoft at server level can access.

We control at directory level if an end user (which has the defined permission list in their security profile) can access, view, delete, upload, download files and create / delete directories in that directory.

#### 4.1.1. Navigation

Root > CY2 Projects > PeopleSoft servers directory > PS servers directory setup.

#### 4.1.2. Add / Search

The Add/Search page gives the option to add new setup and manage existing setup.

**Find an Existing Value:** manage an existing set of server directory management permissions for end users based on a permission list the end users have in their permissions.

**Add a New Value:** Add a new set of server directory management permissions for end users based on a permission list the users have in their permissions.

#### PS servers directory setup

Enter any information you have and click Search. Leave fields blank for a list of all values.

|   |                                      |
|---|--------------------------------------|
| <a href="#">Find an Existing Value</a>  | <a href="#">Add a New Value</a>      |
| <b>▼ Search Criteria</b>  |                                      |
| Permission List: <input type="text" value="begins with"/> <input type="text"/>    |                                      |
| <input type="checkbox"/> Include History <input type="checkbox"/> Correct History |                                      |
| <a href="#">Search</a>  | <a href="#">Clear</a>                |
| <a href="#">Basic Search</a>  | <a href="#">Save Search Criteria</a> |

[Find an Existing Value](#) | [Add a New Value](#)

### 4.1.3. Page Overview

On this page we set the server directories that end users can access for file transactions. We also set any file extension restrictions that apply for directories that are available to end users.

#### PeopleSoft servers directory setup

Permission List: CY2\_LOG

Description: PSDEV server viewer

Domain

| *Domain:      | PSDEV                               | Set Default:                            | <input checked="" type="checkbox"/> |                  |                  |                                    |
|---------------|-------------------------------------|---|-------------------------------------|------------------|------------------|------------------------------------|
| General       | View                                | Delete                                  | Upload                              | Create Directory | Delete Directory | <input type="button" value="..."/> |
| * Server Name | Set Default                         | * Home directory                        | * Top directory                     |                  |                  |                                    |
| 1 APPSERV     | <input checked="" type="checkbox"/> | /u01/psadm2/psft/pt/8.57/appserv/APPDEV | /u01/psadm2/psft/pt/8.57            |                  |                  |                                    |
| 2 WEBSERV     | <input type="checkbox"/>            | /u01/psadm2/psft/pt/8.57/webserv        | /u01/psadm2/psft/pt/8.57            |                  |                  |                                    |

File Extension Restrictions

| *File Extension | Cannot View                         | Cannot Upload                       | Cannot Delete                       |   |
|-----------------|-------------------------------------|-------------------------------------|-------------------------------------|---|
| 1 EXE           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="button" value="+"/> <input type="button" value="-"/> |
| 2 UBB           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="button" value="+"/> <input type="button" value="-"/> |
| 3 cfg           | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="button" value="+"/> <input type="button" value="-"/> |

### 4.1.4. Page field description

#### General on directories:

When you want to use multiple servers per domain, you must use a unique notation (e.g. UNC notation) for directories so the tool can differ between the different servers. The directory permissions of the user used by PeopleSoft to access files on the different servers determine the overall rights to directories.

It is not possible to access directories or perform file actions that the PeopleSoft system user can't access or perform.

For a full description of the fields available on the page, please see the functional documentation which can be found in the documentation folder of the Change Package Zip and / or on GitHub.

## 4.2. PS SERVERS DIRECTORY VIEW

On the ‘PS servers directory view’ page, end users can access the server directories they are allowed to see based on their permission list access. Based on the permission list setup they can perform specific file and directory transactions in specific directories, taking into account any file extension restrictions that apply for directories that are available to end users.

### 4.2.1. Navigation

Root > CY2 Projects > PeopleSoft servers directory > PS servers directory view.

### 4.2.2. Page Overview

The page offers the user the ability to choose a domain and a server he wants to view the directories of. The grid visualizes 1 directory at the time with the option to traverse up and down in the directory structure, taking into account the security settings for the top directory and cascading options. Within the directory, actions can be performed using the action button on the grid lines and / or by clicking the “up” and “home” button as well as clicking on the directory names in the grid. The grid allows to sort the columns and offers a search option as well as the option to export to excel.

The screenshot shows the 'PS servers directory view' page. At the top, there are search fields for 'Domain' (PSDEV) and 'Server Name' (APPSERV), and a 'Directory' path ('/u01/psadm2/psft/pt/8.57/appserv/APPDEV'). Below this is a grid with 358 rows. The grid has columns for 'File / Directory', 'Actions', 'File Size', and 'Last Modified'. The first few rows show entries like '.ExitProc', 'tmusrevt.dat', 'ULOG.022021', 'LOGS', 'CACHE', 'files', 'PAGELET', 'ULOG.021921', and 'ULOG.021821'. Each row has a small green circular icon in the 'Actions' column.

| File / Directory | Actions | File Size | Last Modified       |
|------------------|---------|-----------|---------------------|
| .ExitProc        |         |           | 20/02/2021 07:08:48 |
| tmusrevt.dat     |         | 0.1 KB    | 20/02/2021 07:08:32 |
| ULOG.022021      |         | 0.9 KB    | 20/02/2021 07:08:23 |
| LOGS             |         |           | 20/02/2021 07:08:21 |
| CACHE            |         |           | 19/02/2021 22:59:06 |
| files            |         |           | 19/02/2021 16:24:36 |
| PAGELET          |         |           | 19/02/2021 09:18:56 |
| ULOG.021921      |         | 0.9 KB    | 19/02/2021 04:39:12 |
| ULOG.021821      |         | 0.8 KB    | 18/02/2021 05:30:19 |

#### **4.2.3. Page field description**

For a full description of the fields available on the page, please see the functional documentation which can be found in the documentation folder of the Change Package Zip and / or on GitHub.

## 5. TECHNICAL DESIGN DETAILS

### 5.1. POINTS OF INTEREST

#### 5.1.1. Server directories

Based on the permissions of the user, he can see the folder structures we allow them to see. And in those folder structures he can then traverse up and down as far as we allow him to. So we control the top level, the home level and the actions he can do at folder level. And, whatever we permit, the permissions can never expand beyond what the server user that controls PeopleSoft can see and do. So we are always bound to what permissions are given to the user that controls PeopleSoft.

In case you have multiple application / web servers behind the PeopleSoft Environment we suggest you create shared folders between the different servers for the directories you want your developers and end users to use. That way they can always access the information, regardless of the application / web server they are connected to.

#### 5.1.2. Attachment functions

We use the various PeopleSoft attachment functions to manage the viewing / downloading / uploading and deleting of files.

We use the **PSFILE\_ATTDET** table to store the attachments as a temporary storage. At the end of the request, we delete the files from this table. Should you see a growth in this table which is abnormal, feel free to delete any attachments you no longer need.

#### 5.1.3. Directory functions

We use the PeopleSoft directory functions to delete and create directories.

In case you DO NOT set the cascading permissions for delete directories, Child directories of the current directory cannot be deleted if they have child directories beneath them.

#### 5.1.4. Use of java classes

We use the following standard java classes and methods to pull data from the server directories for viewing in the viewer:

- `java.io.File`
- `ava.text.SimpleDateFormat`
- `java.util.Arrays`
- `org.apache.commons.io.comparator.LastModifiedFileComparator`

### 5.1.5. Permissions

We have included 1 permission list CY2\_PSS\_DIRECTORY to the project. This permission list gives access to the setup and the viewer component.

Optionally you can add the following menu items to a relevant permission list:

1. CY2\_PSS\_DIR\_MENU

Maintain permission lists through navigation: **PeopleTools > Security > Permissions & Roles > Permission Lists.**

The permission list as shown below is delivered with the project but does not have to be used.

The screenshot shows the 'Permission List General' configuration for the CY2\_PSS\_DIRECTORY permission list. It includes fields for Navigator Homepage, checkboxes for 'Can Start Application Server?' and 'Allow Password to be Emailed?', and a 'Time-out Minutes' section where 'Never Time-out' is selected. Navigation links at the bottom include Save, Return to Search, Add, and Update/Display.

The following menu is defined in the permission list.

The screenshot shows the 'Mobile Page Permissions' section for the CY2\_PSS\_DIRECTORY permission list. It defines a single menu item: 'CY2\_PSS\_DIR\_MENU' with a label 'Cy2 Dir App Server Menu'. Navigation links at the bottom include Save, Return to Search, Add, and Update/Display.

The following components are authorised in the menu.

Component Permissions

Cy2 Dir App Server Menu

| Components                          |                   | Personalize   Find         | First  1-2 of 2  Last                                 |
|-------------------------------------|-------------------|----------------------------|---|
| Authorized?                         | Component Name    | Item Label                 | Edit Pages View Content References for this Component |
| <input checked="" type="checkbox"/> | CY2_PSS_DIR_SETUP | PS servers directory setup | <a href="#">Edit Pages</a> <a href="#">View</a>       |
| <input checked="" type="checkbox"/> | CY2_PSS_DIR_VW_FL | PS servers directory view  | <a href="#">Edit Pages</a> <a href="#">View</a>       |

[Select All](#) [Deselect All](#)

OK Cancel

### 5.1.6. Menu item navigation (aka where does the functionality reside in the menu)

By default the ‘PeopleSoft Directory Viewer’ functionality can be reached through navigation: **Root > CY2 Projects > PeopleSoft servers directory .**

If needed these menu items can be moved elsewhere by altering the ‘structure and content’ portal registry that can be reached through navigation: **PeopleTools > Portal > Structure and content**

[Root > CY2.projects > PeopleSoft servers directory](#)

#### Structure and Content

\* Click the folder label to view the child folders and content references for that folder

\* Click the "Edit" link to edit the folder definition

| Folders | Personalize   Find   View All | First  1 of 1  Last |
|---------|-------------------------------|---------------------|
|---------|-------------------------------|---------------------|

#### Add Folder

\* Click the "Edit" link to edit the content reference definition

| Content References       |            |                            | Personalize   Find   View All   | First  1-2 of 2  Last |
|--------------------------|------------|----------------------------|---|-----------------------|
| Link                     | Node Name  | Label                      | Edit Sequence number Create Link Number of links                      |                       |
| <input type="checkbox"/> | LOCAL_NODE | PS servers directory setup | <a href="#">Edit</a> 1 <a href="#">Create Link</a> 0 <a href="#"></a> |                       |
| <input type="checkbox"/> | LOCAL_NODE | PS servers directory view  | <a href="#">Edit</a> 1 <a href="#">Create Link</a> 0 <a href="#"></a> |                       |

[Add Content Reference](#) [Add Content Reference Link](#)

### **5.1.7. Message catalog entries**

There are 50 message catalog entries delivered with the project, all using message catalog: [25301](#).

Those can be altered through the following navigation: **PeopleTools > Utilities > Administration > Message Catalog**.

Or alternatively can be altered by changing the DAT file delivered as part of the project.

## 6. CONTENT OF PROJECT

### 6.1. CONTENT OF PROJECT CY2\_DIRECTORY\_VIEWER\_001

Name project: CY2\_DIRECTORY\_VIEWER\_001

Explanation project:

CY2 PSELH 24-02-2021  
version 1.1 of Directory Viewer 2021  
1. made the viewer independent of PeopleSoft Campus Solutions objects and styles.  
a. Changes to application classes.  
b. Changes to the style sheet.  
c. new page for confirmation messaging.  
d. Record replacements on the view page  
2. Made the setup component "standard" ClassicPlus style.  
3. Deleted obsolete record CY2\_PSS\_DIR\_DHD.

CY2 PSELH 20-02-2021

Initial version of Directory Viewer 2021

Details project:

| Last updated on          | Last updated by |
|--------------------------|-----------------|
| 2021-02-24T21:59:30+0100 | PSELH           |

#### Project items overview

| Project item                       | Number of items |
|------------------------------------|-----------------|
| Application (Sub) Packages         | 2               |
| Components                         | 2               |
| Fields                             | 30              |
| Menus                              | 1               |
| Message Catalog entries            | 50              |
| Pages                              | 7               |
| PeopleCode Application Packages    | 4               |
| PeopleCode Component Record Fields | 10              |
| PeopleCode Components              | 5               |
| PeopleCode Pages                   | 1               |
| Permission Lists                   | 1               |
| Portal Registry Structures         | 4               |
| Record View SQLs                   | 4               |
| Records                            | 10              |
| SQL Objects                        | 4               |
| Style sheets                       | 1               |
| Translate Values                   | 5               |

## Application Packages

| Application Package | Description      | Explain text  |
|---------------------|------------------|---|
| CY2_PSS_DIR         | Directory Viewer | CY2 ELH 20-02-20201<br>Application package for directory viewer |

## Application Subpackages

| Application Subpackage |
|------------------------|
| CY2_PSS_DIR:Components |

## Records

Name record: CY2\_PSS\_ACT\_VW Empty View for PSS Action Grid

Explanation record:

|                      |
|----------------------|
| CY2 PSELH 20-02-2021 |
|----------------------|

Details record:

| Record Type    | Audit record | Related language record | Query security record | SQL table name |
|----------------|--------------|-------------------------|-----------------------|----------------|
| SQL View in DB |              |                         |                       |                |

Record fields:

| A | Name       | Type | Length | Req. | Key type | Dir | Srch | List |
|---|------------|------|--------|------|----------|-----|------|------|
| 1 | ACTIONNAME | CHAR | 30     | NO   |          |     | NO   | NO   |

| B | Name       | Default value | edit | Editable |
|---|------------|---------------|------|----------|
| 1 | ACTIONNAME |               |      |          |

| C | Name       | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|---|------------|-------------|--------------|-----------------|------------|-------|--------------|
| 1 | ACTIONNAME | NO          |              | NO              | NO         |       |              |

Name record: CY2\_PSS\_DIR\_DDT PSS directory domain details

Explanation record:

|   |
|---|
| CY2 PSELH 20-02-2021  |
| Record to store all viewing details per domain within a permission list (class id) to use in the PS servers directory view. |

Details record:

| Record Type     | Audit record | Related language record | Query security record | SQL table name |
|-----------------|--------------|-------------------------|-----------------------|----------------|
| SQL Table in DB |              |                         |                       |                |

Record fields:

| A  | Name                      | Type | Length | Req. | Key type | Dir | Srch | List |
|----|---------------------------|------|--------|------|----------|-----|------|------|
| 1  | <b>CLASSID</b>            | CHAR | 30     | NO   | KEY      | ASC | YES  | YES  |
| 2  | <b>DOMAIN</b>             | CHAR | 50     | NO   | KEY      | ASC | NO   | NO   |
| 3  | <b>SERVERNAME</b>         | CHAR | 8      | YES  | KEY      | ASC | NO   | NO   |
| 4  | <b>DEFAULT_FLAG</b>       | CHAR | 1      | NO   |          |     | NO   | NO   |
| 5  | <b>CY2_HOME_DIRECTORY</b> | CHAR | 127    | YES  |          |     | NO   | NO   |
| 6  | <b>CY2_TOP_DIRECTORY</b>  | CHAR | 127    | YES  |          |     | NO   | NO   |
| 7  | <b>CY2_DEL_DIRECTORY</b>  | CHAR | 127    | NO   |          |     | NO   | NO   |
| 8  | <b>CY2_DEL CASCADE</b>    | CHAR | 1      | NO   |          |     | NO   | NO   |
| 9  | <b>CY2_DWNL_DIRECTORY</b> | CHAR | 127    | NO   |          |     | NO   | NO   |
| 10 | <b>CY2_DWNL CASCADE</b>   | CHAR | 1      | NO   |          |     | NO   | NO   |
| 11 | <b>CY2_UPLD_DIRECTORY</b> | CHAR | 127    | NO   |          |     | NO   | NO   |
| 12 | <b>CY2_UPLD CASCADE</b>   | CHAR | 1      | NO   |          |     | NO   | NO   |
| 13 | <b>CY2_VIEW_DIRECTORY</b> | CHAR | 127    | NO   |          |     | NO   | NO   |
| 14 | <b>CY2_VIEW CASCADE</b>   | CHAR | 1      | NO   |          |     | NO   | NO   |
| 15 | <b>CY2_CDRD_DIRECTORY</b> | CHAR | 127    | NO   |          |     | NO   | NO   |
| 16 | <b>CY2_CDRD CASCADE</b>   | CHAR | 1      | NO   |          |     | NO   | NO   |
| 17 | <b>CY2_DLDR_DIRECTORY</b> | CHAR | 127    | NO   |          |     | NO   | NO   |
| 18 | <b>CY2_DLDR CASCADE</b>   | CHAR | 1      | NO   |          |     | NO   | NO   |

| B  | Name                      | Default value | edit | Editable |
|----|---------------------------|---------------|------|----------|
| 1  | <b>CLASSID</b>            |               |      |          |
| 2  | <b>DOMAIN</b>             |               |      |          |
| 3  | <b>SERVERNAME</b>         |               |      |          |
| 4  | <b>DEFAULT_FLAG</b>       | N             | Y/N  |          |
| 5  | <b>CY2_HOME_DIRECTORY</b> |               |      |          |
| 6  | <b>CY2_TOP_DIRECTORY</b>  |               |      |          |
| 7  | <b>CY2_DEL_DIRECTORY</b>  |               |      |          |
| 8  | <b>CY2_DEL CASCADE</b>    | N             | Y/N  |          |
| 9  | <b>CY2_DWNL_DIRECTORY</b> |               |      |          |
| 10 | <b>CY2_DWNL CASCADE</b>   | N             | Y/N  |          |
| 11 | <b>CY2_UPLD_DIRECTORY</b> |               |      |          |
| 12 | <b>CY2_UPLD CASCADE</b>   | N             | Y/N  |          |
| 13 | <b>CY2_VIEW_DIRECTORY</b> |               |      |          |
| 14 | <b>CY2_VIEW CASCADE</b>   | N             | Y/N  |          |
| 15 | <b>CY2_CDRD_DIRECTORY</b> |               |      |          |
| 16 | <b>CY2_CDRD CASCADE</b>   | N             | Y/N  |          |
| 17 | <b>CY2_DLDR_DIRECTORY</b> |               |      |          |
| 18 | <b>CY2_DLDR CASCADE</b>   | N             | Y/N  |          |

| C  | Name                      | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|----|---------------------------|-------------|--------------|-----------------|------------|-------|--------------|
| 1  | <b>CLASSID</b>            | NO          |              | NO              | NO         |       |              |
| 2  | <b>DOMAIN</b>             | NO          |              | NO              | NO         |       |              |
| 3  | <b>SERVERNAME</b>         | NO          |              | NO              | NO         |       |              |
| 4  | <b>DEFAULT_FLAG</b>       | NO          |              | NO              | NO         |       |              |
| 5  | <b>CY2_HOME_DIRECTORY</b> | NO          |              | NO              | NO         |       |              |
| 6  | <b>CY2_TOP_DIRECTORY</b>  | NO          |              | NO              | NO         |       |              |
| 7  | <b>CY2_DEL_DIRECTORY</b>  | NO          |              | NO              | NO         |       |              |
| 8  | <b>CY2_DEL CASCADE</b>    | NO          |              | NO              | NO         |       |              |
| 9  | <b>CY2_DWNL_DIRECTORY</b> | NO          |              | NO              | NO         |       |              |
| 10 | <b>CY2_DWNL CASCADE</b>   | NO          |              | NO              | NO         |       |              |
| 11 | <b>CY2_UPLD_DIRECTORY</b> | NO          |              | NO              | NO         |       |              |
| 12 | <b>CY2_UPLD CASCADE</b>   | NO          |              | NO              | NO         |       |              |
| 13 | <b>CY2_VIEW_DIRECTORY</b> | NO          |              | NO              | NO         |       |              |
| 14 | <b>CY2_VIEW CASCADE</b>   | NO          |              | NO              | NO         |       |              |
| 15 | <b>CY2_CRDR_DIRECTORY</b> | NO          |              | NO              | NO         |       |              |
| 16 | <b>CY2_CRDR CASCADE</b>   | NO          |              | NO              | NO         |       |              |
| 17 | <b>CY2_DLDR_DIRECTORY</b> | NO          |              | NO              | NO         |       |              |
| 18 | <b>CY2_DLDR CASCADE</b>   | NO          |              | NO              | NO         |       |              |

**Name record: CY2\_PSS\_DIR\_DER** PSS directory derived

Explanation record:

CY2 PSELH 20-02-2021

Derived record for use in the PS servers directory view.

Details record:

| Record Type | Audit record | Related language record | Query security record | SQL table name |
|-------------|--------------|-------------------------|-----------------------|----------------|
| Work Record |              |                         |                       |                |

Record fields:

| A  | Name                   | Type      | Length | Req. | Key type | Dir | Srch | List |
|----|------------------------|-----------|--------|------|----------|-----|------|------|
| 1  | <b>CLASSID</b>         | CHAR      | 30     | NO   |          |     | NO   | NO   |
| 2  | <b>CY2_FILE_NAME</b>   | CHAR      | 254    | NO   |          |     | NO   | NO   |
| 3  | <b>CY2_HOME_BTN</b>    | CHAR      | 1      | NO   |          |     | NO   | NO   |
| 4  | <b>CY2_UP_BTN</b>      | CHAR      | 1      | NO   |          |     | NO   | NO   |
| 5  | <b>DESCRLONG_NOTES</b> | LONG CHAR | 0      | NO   |          |     | NO   | NO   |
| 6  | <b>DOMAIN</b>          | CHAR      | 50     | NO   |          |     | NO   | NO   |
| 7  | <b>FILE_DIRECTORY</b>  | CHAR      | 80     | NO   |          |     | NO   | NO   |
| 8  | <b>GROUPBOX</b>        | CHAR      | 1      | NO   |          |     | NO   | NO   |
| 9  | <b>PAGE_TITLE_60</b>   | CHAR      | 60     | NO   |          |     | NO   | NO   |
| 10 | <b>PAGE_TITLE</b>      | CHAR      | 30     | NO   |          |     | NO   | NO   |

| A  | Name           | Type      | Length | Req. | Key type | Dir | Srch | List |
|----|----------------|-----------|--------|------|----------|-----|------|------|
| 11 | PT_CONFIRM_MSG | LONG CHAR | 0      | NO   |          |     | NO   | NO   |
| 12 | SERVERNAME     | CHAR      | 8      | NO   |          |     | NO   | NO   |

| B  | Name            | Default value | edit   | Editable        |
|----|-----------------|---------------|--------|-----------------|
| 1  | CLASSID         |               |        |                 |
| 2  | CY2_FILE_NAME   |               |        |                 |
| 3  | CY2_HOME_BTN    |               |        |                 |
| 4  | CY2_UP_BTN      |               |        |                 |
| 5  | DESCRLONG_NOTES |               |        |                 |
| 6  | DOMAIN          |               | PROMPT | CY2_PSS_DIR_DVW |
| 7  | FILE_DIRECTORY  |               |        |                 |
| 8  | GROUPBOX        |               |        |                 |
| 9  | PAGE_TITLE_60   |               |        |                 |
| 10 | PAGE_TITLE      |               |        |                 |
| 11 | PT_CONFIRM_MSG  |               |        |                 |
| 12 | SERVERNAME      |               | PROMPT | CY2_PSS_DIR_SVW |

| C  | Name            | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|----|-----------------|-------------|--------------|-----------------|------------|-------|--------------|
| 1  | CLASSID         | NO          |              | NO              | NO         |       |              |
| 2  | CY2_FILE_NAME   | NO          |              | NO              | NO         |       |              |
| 3  | CY2_HOME_BTN    | NO          |              | NO              | NO         |       |              |
| 4  | CY2_UP_BTN      | NO          |              | NO              | NO         |       |              |
| 5  | DESCRLONG_NOTES | NO          |              | NO              | NO         |       |              |
| 6  | DOMAIN          | NO          |              | NO              | NO         |       |              |
| 7  | FILE_DIRECTORY  | NO          |              | NO              | NO         |       |              |
| 8  | GROUPBOX        | NO          |              | NO              | NO         |       |              |
| 9  | PAGE_TITLE_60   | NO          |              | NO              | NO         |       |              |
| 10 | PAGE_TITLE      | NO          |              | NO              | NO         |       |              |
| 11 | PT_CONFIRM_MSG  | NO          |              | NO              | NO         |       |              |
| 12 | SERVERNAME      | NO          |              | NO              | NO         |       |              |

#### Name record: CY2\_PSS\_DIR\_DVW PSS directory domain view

Explanation record:

CY2 PSELH 20-02-2021

View to select domain names for use in the PS servers directory view.

Details record:

| Record Type    | Audit record | Related language record | Query security record | SQL table name |
|----------------|--------------|-------------------------|-----------------------|----------------|
| SQL View in DB |              |                         |                       |                |

Record fields:

| A | Name    | Type | Length | Req. | Key type | Dir | Srch | List |
|---|---------|------|--------|------|----------|-----|------|------|
| 1 | CLASSID | CHAR | 30     | NO   | KEY      | ASC | YES  | NO   |
| 2 | DOMAIN  | CHAR | 50     | NO   | KEY      | ASC | YES  | YES  |

| B | Name    | Default value | edit | Editable |
|---|---------|---------------|------|----------|
| 1 | CLASSID |               |      |          |
| 2 | DOMAIN  |               |      |          |

| C | Name    | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|---|---------|-------------|--------------|-----------------|------------|-------|--------------|
| 1 | CLASSID | NO          |              | NO              | NO         |       |              |
| 2 | DOMAIN  | NO          |              | NO              | NO         |       |              |

#### Name record: CY2\_PSS\_DIR\_FLE File Extension Restrictions

Explanation record:

CY2 PSELH 20-02-2021

Details record:

| Record Type     | Audit record | Related language record | Query security record | SQL table name |
|-----------------|--------------|-------------------------|-----------------------|----------------|
| SQL Table in DB |              |                         |                       |                |

Record fields:

| A | Name              | Type | Length | Req. | Key type | Dir | Srch | List |
|---|-------------------|------|--------|------|----------|-----|------|------|
| 1 | CLASSID           | CHAR | 30     | YES  | KEY      | ASC | NO   | NO   |
| 2 | CY2_FILEEXTN      | CHAR | 30     | YES  | KEY      | ASC | NO   | NO   |
| 3 | CY2_CANNOT_VIEW   | CHAR | 1      | YES  |          |     | NO   | NO   |
| 4 | CY2_CANNOT_UPLOAD | CHAR | 1      | YES  |          |     | NO   | NO   |
| 5 | CY2_CANNOT_DELETE | CHAR | 1      | YES  |          |     | NO   | NO   |

| B | Name              | Default value | edit | Editable |
|---|-------------------|---------------|------|----------|
| 1 | CLASSID           |               |      |          |
| 2 | CY2_FILEEXTN      |               |      |          |
| 3 | CY2_CANNOT_VIEW   | N             | Y/N  |          |
| 4 | CY2_CANNOT_UPLOAD | N             | Y/N  |          |
| 5 | CY2_CANNOT_DELETE | N             | Y/N  |          |

| C | Name    | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|---|---------|-------------|--------------|-----------------|------------|-------|--------------|
| 1 | CLASSID | NO          |              | NO              | NO         |       |              |

| C | Name                     | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|---|--------------------------|-------------|--------------|-----------------|------------|-------|--------------|
| 2 | <b>CY2_FILEEXTN</b>      | NO          |              | NO              | NO         |       |              |
| 3 | <b>CY2_CANNOT_VIEW</b>   | NO          |              | NO              | NO         |       |              |
| 4 | <b>CY2_CANNOT_UPLOAD</b> | NO          |              | NO              | NO         |       |              |
| 5 | <b>CY2_CANNOT_DELETE</b> | NO          |              | NO              | NO         |       |              |

#### Name record: CY2\_PSS\_DIR\_PDM PSS directory domain setup

Explanation record:

CY2 PSELH 20-02-2021

Record to store which domains to view per permission list (class id) to use in the PS servers directory view.

Details record:

| Record Type     | Audit record | Related language record | Query security record | SQL table name |
|-----------------|--------------|-------------------------|-----------------------|----------------|
| SQL Table in DB |              |                         |                       |                |

Record fields:

| A | Name                | Type | Length | Req. | Key type | Dir | Srch | List |
|---|---------------------|------|--------|------|----------|-----|------|------|
| 1 | <b>CLASSID</b>      | CHAR | 30     | YES  | KEY      | ASC | YES  | YES  |
| 2 | <b>DOMAIN</b>       | CHAR | 50     | YES  | KEY      | ASC | NO   | NO   |
| 3 | <b>DEFAULT_FLAG</b> | CHAR | 1      | NO   |          |     | NO   | NO   |

| B | Name                | Default value | edit   | Editable        |
|---|---------------------|---------------|--------|-----------------|
| 1 | <b>CLASSID</b>      |               | PROMPT | PSCLASSDEFN_SRC |
| 2 | <b>DOMAIN</b>       |               |        |                 |
| 3 | <b>DEFAULT_FLAG</b> | N             | Y/N    |                 |

| C | Name                | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|---|---------------------|-------------|--------------|-----------------|------------|-------|--------------|
| 1 | <b>CLASSID</b>      | NO          |              | NO              | NO         |       |              |
| 2 | <b>DOMAIN</b>       | NO          |              | NO              | NO         |       |              |
| 3 | <b>DEFAULT_FLAG</b> | NO          |              | NO              | NO         |       |              |

#### Name record: CY2\_PSS\_DIR\_PHD PSS directory perm lists setup

Explanation record:

CY2 PSELH 20-02-2021

Record to store which permission lists (class ids) to use in the PS servers directory view.

Details record:

| Record Type | Audit record | Related language record | Query security record | SQL table name |
|-------------|--------------|-------------------------|-----------------------|----------------|
|             |              |                         |                       |                |

|                 |  |  |  |  |  |
|-----------------|--|--|--|--|--|
| SQL Table in DB |  |  |  |  |  |
|-----------------|--|--|--|--|--|

Record fields:

| A | Name           | Type | Length | Req. | Key type | Dir | Srch | List |
|---|----------------|------|--------|------|----------|-----|------|------|
| 1 | <b>CLASSID</b> | CHAR | 30     | YES  | KEY      | ASC | YES  | YES  |
| 2 | <b>DESCR</b>   | CHAR | 30     | NO   |          |     | NO   | NO   |

| B | Name           | Default value | edit   | Editable        |
|---|----------------|---------------|--------|-----------------|
| 1 | <b>CLASSID</b> |               | PROMPT | PSCLASSDEFN_SRC |
| 2 | <b>DESCR</b>   |               |        |                 |

| C | Name           | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|---|----------------|-------------|--------------|-----------------|------------|-------|--------------|
| 1 | <b>CLASSID</b> | NO          |              | NO              | NO         |       |              |
| 2 | <b>DESCR</b>   | NO          |              | NO              | NO         |       |              |

**Name record: CY2\_PSS\_DIR\_SVW** PSS directory server view

Explanation record:

|  |
|--|
| CY2 PSELH 20-02-2021   |
| View to select servernames for use in the PS servers directory view. |

Details record:

| Record Type    | Audit record | Related language record | Query security record | SQL table name |
|----------------|--------------|-------------------------|-----------------------|----------------|
| SQL View in DB |              |                         |                       |                |

Record fields:

| A | Name               | Type | Length | Req. | Key type | Dir | Srch | List |
|---|--------------------|------|--------|------|----------|-----|------|------|
| 1 | <b>CLASSID</b>     | CHAR | 30     | NO   | KEY      | ASC | YES  | NO   |
| 2 | <b>DOMAIN</b>      | CHAR | 50     | NO   | KEY      | ASC | YES  | YES  |
| 3 | <b>SERVERTNAME</b> | CHAR | 8      | NO   | KEY      | ASC | YES  | YES  |

| B | Name               | Default value | edit | Editable |
|---|--------------------|---------------|------|----------|
| 1 | <b>CLASSID</b>     |               |      |          |
| 2 | <b>DOMAIN</b>      |               |      |          |
| 3 | <b>SERVERTNAME</b> |               |      |          |

| C | Name           | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|---|----------------|-------------|--------------|-----------------|------------|-------|--------------|
| 1 | <b>CLASSID</b> | NO          |              | NO              | NO         |       |              |
| 2 | <b>DOMAIN</b>  | NO          |              | NO              | NO         |       |              |

| C | Name       | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|---|------------|-------------|--------------|-----------------|------------|-------|--------------|
| 3 | SERVERNAME | NO          |              | NO              | NO         |       |              |

Name record: CY2\_PSS\_DIR\_VW Empty View for PSS Grid

Explanation record:

|                      |
|----------------------|
| CY2_PSELH 20-02-2021 |
|----------------------|

Details record:

| Record Type    | Audit record | Related language record | Query security record | SQL table name |
|----------------|--------------|-------------------------|-----------------------|----------------|
| SQL View in DB |              |                         |                       |                |

Record fields:

| A  | Name               | Type | Length | Req. | Key type | Dir | Srch | List |
|----|--------------------|------|--------|------|----------|-----|------|------|
| 1  | CY2_FILE_NAME      | CHAR | 254    | NO   |          |     | NO   | NO   |
| 2  | CY2_DIR_FILE_ACTNS | CHAR | 1      | NO   |          |     | NO   | NO   |
| 3  | CY2_FILE_SIZE      | CHAR | 20     | NO   |          |     | NO   | NO   |
| 4  | CY2_LAST_MODIFIED  | CHAR | 22     | NO   |          |     | NO   | NO   |
| 5  | CY2_IS_FOLDER      | CHAR | 1      | NO   |          |     | NO   | NO   |
| 6  | CY2_UPLOAD_FILE    | CHAR | 1      | NO   |          |     | NO   | NO   |
| 7  | CY2_VIEW_FILE      | CHAR | 1      | NO   |          |     | NO   | NO   |
| 8  | CY2_DELETE_FILE    | CHAR | 1      | NO   |          |     | NO   | NO   |
| 9  | CY2_CREATE_DIR     | CHAR | 1      | NO   |          |     | NO   | NO   |
| 10 | CY2_DELETE_DIR     | CHAR | 1      | NO   |          |     | NO   | NO   |

| B  | Name               | Default value | edit | Editable |
|----|--------------------|---------------|------|----------|
| 1  | CY2_FILE_NAME      |               |      |          |
| 2  | CY2_DIR_FILE_ACTNS |               | XLAT |          |
| 3  | CY2_FILE_SIZE      |               |      |          |
| 4  | CY2_LAST_MODIFIED  |               |      |          |
| 5  | CY2_IS_FOLDER      | N             | Y/N  |          |
| 6  | CY2_UPLOAD_FILE    | N             | Y/N  |          |
| 7  | CY2_VIEW_FILE      | N             | Y/N  |          |
| 8  | CY2_DELETE_FILE    | N             | Y/N  |          |
| 9  | CY2_CREATE_DIR     | N             | Y/N  |          |
| 10 | CY2_DELETE_DIR     | N             | Y/N  |          |

| C | Name               | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|---|--------------------|-------------|--------------|-----------------|------------|-------|--------------|
| 1 | CY2_FILE_NAME      | NO          |              | NO              | NO         |       |              |
| 2 | CY2_DIR_FILE_ACTNS | NO          |              | NO              | NO         |       |              |
| 3 | CY2_FILE_SIZE      | NO          |              | NO              | NO         |       |              |

| C  | Name                     | Auto update | Search field | Reasonable date | Sub record | Audit | Set cntrlfld |
|----|--------------------------|-------------|--------------|-----------------|------------|-------|--------------|
| 4  | <b>CY2_LAST_MODIFIED</b> | NO          |              | NO              | NO         |       |              |
| 5  | <b>CY2_IS_FOLDER</b>     | NO          |              | NO              | NO         |       |              |
| 6  | <b>CY2_UPLOAD_FILE</b>   | NO          |              | NO              | NO         |       |              |
| 7  | <b>CY2_VIEW_FILE</b>     | NO          |              | NO              | NO         |       |              |
| 8  | <b>CY2_DELETE_FILE</b>   | NO          |              | NO              | NO         |       |              |
| 9  | <b>CY2_CREATE_DIR</b>    | NO          |              | NO              | NO         |       |              |
| 10 | <b>CY2_DELETE_DIR</b>    | NO          |              | NO              | NO         |       |              |

## Fields

**Name field: CY2\_CANNOT\_DELETE** Don't Allow Deletes

Explanation field:

|                      |
|----------------------|
| CY2 PSELH 20-02-2021 |
|----------------------|

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label |
|------|--------|--------|------------------|------------------|---------------|
| Char | Upper  | 1      | 0                | Cannot Delete    | DEFAULT       |

**Name field: CY2\_CANNOT\_UPLOAD** Don't Allow Uploads

Explanation field:

|                      |
|----------------------|
| CY2 PSELH 20-02-2021 |
|----------------------|

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label |
|------|--------|--------|------------------|------------------|---------------|
| Char | Upper  | 1      | 0                | Cannot Upload    | DEFAULT       |

**Name field: CY2\_CANNOT\_VIEW** Don't Allow View

Explanation field:

|                      |
|----------------------|
| CY2 PSELH 20-02-2021 |
|----------------------|

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label |
|------|--------|--------|------------------|------------------|---------------|
| Char | Upper  | 1      | 0                | Cannot View      | DEFAULT       |

**Name field: CY2\_CRDR CASCADE** Cascade create dir rights

Explanation field:

|                      |
|----------------------|
| CY2 PSELH 20-02-2021 |
|----------------------|

Field to define if the right to create directories should be cascaded down to lower directories.

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label    |
|------|--------|--------|------------------|------------------|------------------|
| Char | Upper  | 1      | 0                | Cascade          | CY2_CRDR CASCADE |

**Name field: CY2\_CRDR\_DIRECTORY** Create directories directory

Explanation field:

CY2 PSELH 20-02-2021

Field to define the directories from which a user can create new directories.

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label      |
|------|------------|--------|------------------|------------------|--------------------|
| Char | Mixed Case | 127    | 0                | Create           | CY2_CRDR_DIRECTORY |

**Name field: CY2\_CREATE\_DIR** Create Directory

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label  |
|------|--------|--------|------------------|------------------|----------------|
| Char | Upper  | 1      | 0                | Create Dir       | CY2_CREATE_DIR |

**Name field: CY2\_DELETE\_DIR** Delete Directory

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label  |
|------|--------|--------|------------------|------------------|----------------|
| Char | Upper  | 1      | 0                | Delete Dir       | CY2_DELETE_DIR |

**Name field: CY2\_DELETE\_FILE** Delete File

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label   |
|------|--------|--------|------------------|------------------|-----------------|
| Char | Upper  | 1      | 0                | Delete           | CY2_DELETE_FILE |

**Name field: CY2\_DEL CASCADE** Cascade delete rights

Explanation field:

CY2 PSELH 20-02-2021

Field to define if the right to delete files should be cascaded down to lower directories.

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label   |
|------|--------|--------|------------------|------------------|-----------------|
| Char | Upper  | 1      | 0                | Cascade          | CY2_DEL CASCADE |

**Name field: CY2\_DEL\_DIRECTORY** Delete directory

Explanation field:

CY2\_PSELH 20-02-2021

Field to define the directories from which a user can delete files.

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label     |
|------|------------|--------|------------------|------------------|-------------------|
| Char | Mixed Case | 127    | 0                | Delete           | CY2_DEL_DIRECTORY |

**Name field: CY2\_DIR\_FILE\_ACTNS** File / Directory actions

Explanation field:

CY2\_PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label      |
|------|--------|--------|------------------|------------------|--------------------|
| Char | Upper  | 1      | 0                | Actions          | CY2_FILE_DIR_ACTNS |

**Name field: CY2\_DLDR CASCADE** Cascade delete dir rights

Explanation field:

CY2\_PSELH 20-02-2021

Field to define if the right to delete directories should be cascaded down to lower directories.

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label    |
|------|--------|--------|------------------|------------------|------------------|
| Char | Upper  | 1      | 0                | Cascade          | CY2_DLDR.Cascade |

**Name field: CY2\_DLDR\_DIRECTORY** Delete directories directory

Explanation field:

CY2\_PSELH 20-02-2021

Field to define the directories from which a user can delete directories.

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label      |
|------|------------|--------|------------------|------------------|--------------------|
| Char | Mixed Case | 127    | 0                | Delete dir.      | CY2_DLDR_DIRECTORY |

**Name field: CY2\_DWNL CASCADE** Cascade download rights

Explanation field:

CY2\_PSELH 20-02-2021

Field to define if the right to download files should be cascaded down to lower directories.

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label    |
|------|--------|--------|------------------|------------------|------------------|
| Char | Upper  | 1      | 0                | Cascade          | CY2_DWNL.CASCADE |

**Name field: CY2\_DWNL\_DIRECTORY** Download directory

Explanation field:

CY2 PSELH 20-02-2021

Field to define the directories from which a user can download files.

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label      |
|------|------------|--------|------------------|------------------|--------------------|
| Char | Mixed Case | 127    | 0                | Download         | CY2_DWNL_DIRECTORY |

**Name field: CY2\_FILEEXTN** File Extension

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label |
|------|--------|--------|------------------|------------------|---------------|
| Char | Upper  | 30     | 0                | File Extn        | FILEEXTN      |

**Name field: CY2\_FILE\_NAME** File / Directory

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label |
|------|------------|--------|------------------|------------------|---------------|
| Char | Mixed Case | 254    | 0                | File Name        | DEFAULT       |

**Name field: CY2\_FILE\_SIZE** File Size

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label |
|------|------------|--------|------------------|------------------|---------------|
| Char | Mixed Case | 20     | 0                | Size             | DEFAULT       |

**Name field: CY2\_HOME\_BTN** Home

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label |
|------|--------|--------|------------------|------------------|---------------|
| Char | Upper  | 1      | 0                | Home             | DEFAULT       |

**Name field: CY2\_HOME\_DIRECTORY** Home directory

Explanation field:

CY2 PSELH 20-02-2021

Field to define the directory which is the home directory for users when viewing files.

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label      |
|------|------------|--------|------------------|------------------|--------------------|
| Char | Mixed Case | 127    | 0                | Home             | CY2_HOME_DIRECTORY |

**Name field: CY2\_IS\_FOLDER** Is Folder

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label |
|------|--------|--------|------------------|------------------|---------------|
| Char | Upper  | 1      | 0                | Folder           | DEFAULT       |

**Name field: CY2\_LAST\_MODIFIED** Last Modified at

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label |
|------|--------|--------|------------------|------------------|---------------|
| Char | Upper  | 22     | 0                | Last Modified    | DEFAULT       |

**Name field: CY2\_TOP\_DIRECTORY** Top directory

Explanation field:

CY2 PSELH 20-02-2021

Field to define which directory is the top directory a user can view.

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label     |
|------|------------|--------|------------------|------------------|-------------------|
| Char | Mixed Case | 127    | 0                | Top              | CY2_TOP_DIRECTORY |

**Name field: CY2\_UPLOD CASCADE** Cascade upload rights

Explanation field:

CY2 PSELH 20-02-2021

Field to define if the right to upload files should be cascaded down to lower directories.

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label     |
|------|--------|--------|------------------|------------------|-------------------|
| Char | Upper  | 1      | 0                | Cascade          | CY2_UPLOD CASCADE |

**Name field: CY2\_UPLD\_DIRECTORY Upload directory**

Explanation field:

CY2 PSELH 20-02-2021

Field to define the directories in which a user can upload files.

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label      |
|------|------------|--------|------------------|------------------|--------------------|
| Char | Mixed Case | 127    | 0                | Upload           | CY2_UPLD_DIRECTORY |

**Name field: CY2\_UPLOAD\_FILE Upload File**

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label   |
|------|--------|--------|------------------|------------------|-----------------|
| Char | Upper  | 1      | 0                | Upload           | CY2_UPLOAD_FILE |

**Name field: CY2\_UP\_BTN Up**

Explanation field:

CY2 PSELH 20-02-2021

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label |
|------|--------|--------|------------------|------------------|---------------|
| Char | Upper  | 1      | 0                | Up               | DEFAULT       |

**Name field: CY2\_VIEW.Cascade View rights**

Explanation field:

CY2 PSELH 20-02-2021

Field to define if the right to view files should be cascaded down to lower directories.

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label    |
|------|--------|--------|------------------|------------------|------------------|
| Char | Upper  | 1      | 0                | Cascade          | CY2_VIEW.Cascade |

**Name field: CY2\_VIEW\_DIRECTORY View directory**

Explanation field:

CY2 PSELH 20-02-2021

Field to define the directories from which a user can view files.

Details field:

| Type | Format     | Length | Decimal position | Short name label | Default label      |
|------|------------|--------|------------------|------------------|--------------------|
| Char | Mixed Case | 127    | 0                | View             | CY2_VIEW_DIRECTORY |

**Name field: CY2\_VIEW\_FILE** View/Download File

Explanation field:

|                      |
|----------------------|
| CY2 PSELH 20-02-2021 |
|----------------------|

Details field:

| Type | Format | Length | Decimal position | Short name label | Default label |
|------|--------|--------|------------------|------------------|---------------|
| Char | Upper  | 1      | 0                | View/Download    | CY2_VIEW_FILE |

**Menus****Name menu: CY2\_PSS\_DIR\_MENU** PS servers directory menu

Explanation menu:

|                      |
|----------------------|
| CY2 PSELH 20-02-2021 |
|----------------------|

Menu for viewing the directories of the PeopleSoft servers.

Details menu:

| Label                     | Type          | Order |
|---------------------------|---------------|-------|
| CY2 Server Directory Menu | Standard menu | 9999  |

**Components****Name component: CY2\_PSS\_DIR\_SETUP** PS servers directory setup

Explanation component:

|                      |
|----------------------|
| CY2 PSELH 20-02-2021 |
|----------------------|

Component for setting up the directory view of the PeopleSoft servers.

Details component:

| Actions | Search record   | Add search record |
|---------|-----------------|-------------------|
| 15      | CY2_PSS_DIR_PHD | CY2_PSS_DIR_PHD   |

Pages in component:

| Num | Page              | Item name             | Item label                    | Folder tab label | Hidden |
|-----|-------------------|-----------------------|-------------------------------|------------------|--------|
| 1   | CY2_PSS_DIR_SETUP | CY2_PSS_DIR_SETU<br>P | PS servers<br>directory setup |                  | 0      |

**Name component: CY2\_PSS\_DIR\_VW\_FL** PS servers directory view

Explanation component:

|                      |
|----------------------|
| CY2 PSELH 20-02-2021 |
|----------------------|

Component for viewing the directory of the PeopleSoft servers.

Details component:

| Actions | Search record | Add search record |
|---------|---------------|-------------------|
| 2       | INSTALLATION  | INSTALLATION      |

Pages in component:

| Num | Page              | Item name         | Item label                   | Folder tab label | Hidden |
|-----|-------------------|-------------------|------------------------------|------------------|--------|
| 1   | CY2_PSS_DIR_VW_FL | CY2_PSS_DIR_VW_FL | PS servers<br>directory view |                  | 0      |

## Pages

Name page: CY2\_PSS\_DIR\_CD\_SCF Directory / File Actions

Explanation page:

CY2 PSELH 20-02-2021

Details page:

| Type           | Stylesheetname |
|----------------|----------------|
| SECUNDARY PAGE |                |

Page fields:

| Field ID | Field nbr | Page field name | Field label ID | Label text     | Page field use |
|----------|-----------|-----------------|----------------|----------------|----------------|
| 25       | 1         |                 |                |                | 0              |
| 26       | 2         |                 | FILE_DIRECTORY | File Directory | 0              |

| Field ID | Deferred Processing | Occurs Level | Record (Table) Name | Field Name     |
|----------|---------------------|--------------|---------------------|----------------|
| 25       | 1                   | 0            |                     |                |
| 26       | 1                   | 0            | CY2_PSS_DIR_DER     | FILE_DIRECTORY |

| Field ID | Associated Field Number | Subpage Name | Description              | Field type |
|----------|-------------------------|--------------|--------------------------|------------|
| 25       | 0                       |              | Directory / File Actions | Group Box  |
| 26       | 0                       |              | Directory / File Actions | Edit Box   |

Name page: CY2\_PSS\_DIR\_EXPLN Explanation directory viewer

Explanation page:

CY2 PSELH 20-02-2021

Page to store explanation about the functionality of directory viewer.

Details page:

| Type           | Stylesheetname |
|----------------|----------------|
| SECUNDARY PAGE |                |

Page fields:

| Field ID | Field nbr | Page field name | Field label ID | Label text | Page field use |
|----------|-----------|-----------------|----------------|------------|----------------|
| 2        | 2         |                 | NOTES          | Notes      | 0              |

| Field ID | Field nbr | Page field name | Field label ID | Label text | Page field use |
|----------|-----------|-----------------|----------------|------------|----------------|
| 8        | 1         |                 | PAGE_TITLE     | Page Title | 1              |

| Field ID | Deferred Processing | Occurs Level | Record (Table) Name | Field Name      |
|----------|---------------------|--------------|---------------------|-----------------|
| 2        | 1                   | 0            | CY2_PSS_DIR_DER     | DESCRLONG_NOTES |
| 8        | 1                   | 0            | CY2_PSS_DIR_DER     | PAGE_TITLE_60   |

| Field ID | Associated Field Number | Subpage Name | Description                  | Field type |
|----------|-------------------------|--------------|------------------------------|------------|
| 2        | 0                       |              | Explanation directory viewer | HTML Area  |
| 8        | 0                       |              | Explanation directory viewer | Edit Box   |

#### Name page: CY2\_PSS\_DIR\_MS\_SBF Inline Confirmation Message

Explanation page:

|  |
|--|
| CY2 ELH 24-02-2021                                     |
| Inline confirmation message page for directory viewer. |

Details page:

| Type    | Stylesheetname |
|---------|----------------|
| SUBPAGE |                |

Page fields:

| Field ID | Field nbr | Page field name | Field label ID | Label text           | Page field use |
|----------|-----------|-----------------|----------------|----------------------|----------------|
| 2        | 1         |                 | GROUPBOX       | Groupbox             | 0              |
| 3        | 3         |                 |                | Confirmation Area    | 0              |
| 4        | 4         |                 | CONFIRM_LABEL  | Confirmation Message | 1              |
| 9        | 2         | PT_CONFIRMATION | ANIMATION_BOX  | Animation Groupbox   | 0              |

| Field ID | Deferred Processing | Occurs Level | Record (Table) Name | Field Name      |
|----------|---------------------|--------------|---------------------|-----------------|
| 2        | 1                   | 0            | CY2_PSS_DIR_DER     | GROUPBOX        |
| 3        | 1                   | 0            |                     |                 |
| 4        | 0                   | 0            | CY2_PSS_DIR_DER     | PT_CONFIRM_MSG  |
| 9        | 1                   | 0            | PT_WORK             | PT_ANIMATE_GBX1 |

| Field ID | Associated Field Number | Subpage Name | Description                    | Field type |
|----------|-------------------------|--------------|--------------------------------|------------|
| 2        | 0                       |              | CS Inline Confirmation Message | Group Box  |

| Field ID | Associated Field Number | Subpage Name | Description                    | Field type    |
|----------|-------------------------|--------------|--------------------------------|---------------|
| 3        | 0                       |              | CS Inline Confirmation Message | Group Box     |
| 4        | 0                       |              | CS Inline Confirmation Message | Long Edit Box |
| 9        | 0                       |              | CS Inline Confirmation Message | Group Box     |

Name page: CY2\_PSS\_DIR\_SETUP PS servers directory setup

Explanation page:

CY2 PSELH 20-02-2021

Page for setting up the directory view of the PeopleSoft servers.

Details page:

| Type          | Stylesheetname |
|---------------|----------------|
| STANDARD PAGE |                |

Page fields:

| Field ID | Field nbr | Page field name | Field label ID     | Label text         | Page field use |
|----------|-----------|-----------------|--------------------|--------------------|----------------|
| 4        | 1         |                 |                    |                    | 0              |
| 9        | 2         |                 | PERM_LIST          | Permission List    | 1              |
| 12       | 8         | CY2_PSS_DIR_DDT |                    |                    | 4096           |
| 13       | 10        |                 | PERM_LIST          | Permission List    | 3              |
| 15       | 11        |                 | DOMAIN             | Domain             | 3              |
| 20       | 15        |                 | CY2_TOP_DIRECTORY  | Top directory      | 0              |
| 21       | 3         |                 | DESCR              | Description        | 0              |
| 25       | 13        |                 | DEFAULT_FLAG       | Set Default        | 0              |
| 29       | 26        |                 | CY2_DWNL CASCADE   | Cascade            | 2              |
| 17       | 20        |                 | CY2_DEL_DIRECTORY  | Delete directory   | 0              |
| 19       | 16        |                 |                    |                    | 0              |
| 23       | 19        |                 |                    |                    | 0              |
| 22       | 21        |                 | CY2_DEL_CASCADE    | Cascade            | 0              |
| 28       | 25        |                 | CY2_DWNL_DIRECTORY | Download directory | 2              |
| 31       | 22        |                 |                    |                    | 0              |
| 32       | 23        |                 | CY2_UPLD_DIRECTORY | Upload directory   | 0              |
| 33       | 24        |                 | CY2_UPLD_CASCADE   | Cascade            | 0              |
| 34       | 17        |                 | CY2_VIEW_DIRECTORY | View directory     | 0              |
| 36       | 18        |                 | CY2_VIEW_CASCADE   | Cascade            | 0              |
| 37       | 9         |                 |                    |                    | 0              |
| 38       | 14        |                 | CY2_HOME_DIRECTORY | Home directory     | 0              |
| 39       | 12        |                 | SERVERNAME         | Server Name        | 0              |
| 44       | 5         | CY2_PSS_DIR_PDM |                    |                    | 0              |

| Field ID | Field nbr | Page field name | Field label ID     | Label text                   | Page field use |
|----------|-----------|-----------------|--------------------|------------------------------|----------------|
| 45       | 7         |                 | DOMAIN             | Domain                       | 0              |
| 47       | 6         |                 | DEFAULT_FLAG       | Set Default                  | 0              |
| 48       | 4         |                 | NOTES              | Notes                        | 0              |
| 53       | 36        |                 | DEFAULT            | Cannot Upload                | 0              |
| 50       | 33        | CY2_PSS_DIR_FLE |                    |                              | 13422182<br>4  |
| 51       | 34        |                 | FILEEXTN           | File Extension               | 0              |
| 52       | 35        |                 | DEFAULT            | Cannot View                  | 0              |
| 54       | 37        |                 | DEFAULT            | Cannot Delete                | 0              |
| 55       | 27        |                 |                    |                              | 0              |
| 56       | 30        |                 |                    |                              | 0              |
| 57       | 28        |                 | CY2_CRDR_DIRECTORY | Create directories directory | 0              |
| 59       | 31        |                 | CY2_DLDR_DIRECTORY | Delete directories directory | 0              |
| 61       | 29        |                 | CY2_CRDR CASCADE   | Cascade                      | 0              |
| 62       | 32        |                 | CY2_DLDR CASCADE   | Cascade                      | 0              |

| Field ID | Deferred Processing | Occurs Level | Record (Table) Name | Field Name         |
|----------|---------------------|--------------|---------------------|--------------------|
| 4        | 1                   | 0            |                     |                    |
| 9        | 1                   | 0            | CY2_PSS_DIR_PHD     | CLASSID            |
| 12       | 1                   | 2            | CY2_PSS_DIR_DDT     |                    |
| 13       | 1                   | 2            | CY2_PSS_DIR_DDT     | CLASSID            |
| 15       | 1                   | 2            | CY2_PSS_DIR_DDT     | DOMAIN             |
| 20       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_TOP_DIRECTORY  |
| 21       | 1                   | 0            | CY2_PSS_DIR_PHD     | DESCR              |
| 25       | 0                   | 2            | CY2_PSS_DIR_DDT     | DEFAULT_FLAG       |
| 29       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_DLDR CASCADE   |
| 17       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_DEL_DIRECTORY  |
| 19       | 1                   | 2            |                     |                    |
| 23       | 1                   | 2            |                     |                    |
| 22       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_DEL CASCADE    |
| 28       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_DLNL_DIRECTORY |
| 31       | 1                   | 2            |                     |                    |
| 32       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_UPLD_DIRECTORY |
| 33       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_UPLD CASCADE   |
| 34       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_VIEW_DIRECTORY |
| 36       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_VIEW CASCADE   |
| 37       | 1                   | 2            |                     |                    |
| 38       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_HOME_DIRECTORY |
| 39       | 1                   | 2            | CY2_PSS_DIR_DDT     | SERVERNAME         |

| Field ID | Deferred Processing | Occurs Level | Record (Table) Name | Field Name         |
|----------|---------------------|--------------|---------------------|--------------------|
| 44       | 1                   | 1            |                     |                    |
| 45       | 1                   | 1            | CY2_PSS_DIR_PDM     | DOMAIN             |
| 47       | 0                   | 1            | CY2_PSS_DIR_PDM     | DEFAULT_FLAG       |
| 48       | 1                   | 0            | CY2_PSS_DIR_DER     | DESCRLONG_NOTES    |
| 53       | 1                   | 1            | CY2_PSS_DIR_FLE     | CY2_CANNOT_UPLOAD  |
| 50       | 1                   | 1            | CY2_PSS_DIR_FLE     |                    |
| 51       | 1                   | 1            | CY2_PSS_DIR_FLE     | CY2_FILEEXTN       |
| 52       | 1                   | 1            | CY2_PSS_DIR_FLE     | CY2_CANNOT_VIEW    |
| 54       | 1                   | 1            | CY2_PSS_DIR_FLE     | CY2_CANNOT_DELETE  |
| 55       | 1                   | 2            |                     |                    |
| 56       | 1                   | 2            |                     |                    |
| 57       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_CRDR_DIRECTORY |
| 59       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_DLDR_DIRECTORY |
| 61       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_CRDR CASCADE   |
| 62       | 1                   | 2            | CY2_PSS_DIR_DDT     | CY2_DLDR CASCADE   |

| Field ID | Associated Field Number | Subpage Name | Description                | Field type                |
|----------|-------------------------|--------------|----------------------------|---------------------------|
| 4        | 0                       |              | PS servers directory setup | Label                     |
| 9        | 0                       |              | PS servers directory setup | Edit Box                  |
| 12       | 0                       |              | PS servers directory setup | Grid                      |
| 13       | 0                       |              | PS servers directory setup | Edit Box                  |
| 15       | 0                       |              | PS servers directory setup | Edit Box                  |
| 20       | 0                       |              | PS servers directory setup | Edit Box                  |
| 21       | 0                       |              | PS servers directory setup | Edit Box                  |
| 25       | 0                       |              | PS servers directory setup | Check Box                 |
| 29       | 0                       |              | PS servers directory setup | Check Box                 |
| 17       | 0                       |              | PS servers directory setup | Edit Box                  |
| 19       | 0                       |              | PS servers directory setup | Tab Separator (in a grid) |
| 23       | 0                       |              | PS servers directory setup | Tab Separator (in a grid) |
| 22       | 0                       |              | PS servers directory setup | Check Box                 |
| 28       | 0                       |              | PS servers directory setup | Edit Box                  |
| 31       | 0                       |              | PS servers directory setup | Tab Separator (in a grid) |
| 32       | 0                       |              | PS servers directory setup | Edit Box                  |
| 33       | 0                       |              | PS servers directory setup | Check Box                 |
| 34       | 0                       |              | PS servers directory setup | Edit Box                  |
| 36       | 0                       |              | PS servers directory setup | Check Box                 |
| 37       | 0                       |              | PS servers directory setup | Tab Separator (in a grid) |

| Field ID | Associated Field Number | Subpage Name      | Description                | Field type  |
|----------|-------------------------|-------------------|----------------------------|---|
| 38       | 0                       |                   | PS servers directory setup | Edit Box  |
| 39       | 0                       |                   | PS servers directory setup | Edit Box  |
| 44       | 0                       |                   | PS servers directory setup | Scroll Area   |
| 45       | 0                       |                   | PS servers directory setup | Edit Box  |
| 47       | 0                       |                   | PS servers directory setup | Check Box   |
| 48       | 0                       | CY2_PSS_DIR_EXPLN | PS servers directory setup | Push Button/Hyperlink<br>- Destination:<br>Secondary Page |
| 53       | 0                       |                   | PS servers directory setup | Check Box   |
| 50       | 0                       |                   | PS servers directory setup | Grid  |
| 51       | 0                       |                   | PS servers directory setup | Edit Box  |
| 52       | 0                       |                   | PS servers directory setup | Check Box   |
| 54       | 0                       |                   | PS servers directory setup | Check Box   |
| 55       | 0                       |                   | PS servers directory setup | Tab Separator (in a grid)                                 |
| 56       | 0                       |                   | PS servers directory setup | Tab Separator (in a grid)                                 |
| 57       | 0                       |                   | PS servers directory setup | Edit Box  |
| 59       | 0                       |                   | PS servers directory setup | Edit Box  |
| 61       | 0                       |                   | PS servers directory setup | Check Box   |
| 62       | 0                       |                   | PS servers directory setup | Check Box   |

Name page: CY2\_PSS\_DIR\_VW\_FL PS Server directory viewer

Explanation page:

CY2 PSELH 20-02-2021

Page to view the server directories.

Details page:

| Type          | Stylesheetname |
|---------------|----------------|
| STANDARD PAGE |                |

Page fields:

| Field ID | Field nbr | Page field name | Field label ID | Label text               | Page field use |
|----------|-----------|-----------------|----------------|--------------------------|----------------|
| 1        | 1         |                 |                | apps content             | 0              |
| 2        | 2         |                 |                | Inline Message Container | 0              |
| 3        | 6         | PANEL_TITLE     | TITLE          | title                    | 0              |
| 4        | 5         |                 |                | content header           | 0              |
| 5        | 7         |                 |                | Action Buttons           | 0              |
| 6        | 9         |                 |                | Your content here        | 0              |
| 8        | 4         |                 |                | Dummy Name               | 0              |

| Field ID | Field nbr | Page field name | Field label ID | Label text | Page field use |
|----------|-----------|-----------------|----------------|------------|----------------|
| 9        | 3         |                 |                |            | 0              |
| 10       | 10        |                 |                | Dummy Name | 0              |
| 12       | 8         |                 | NOTES          | Notes      | 0              |

| Field ID | Deferred Processing | Occurs Level | Record (Table) Name | Field Name      |
|----------|---------------------|--------------|---------------------|-----------------|
| 1        | 1                   | 0            |                     |                 |
| 2        | 1                   | 0            |                     |                 |
| 3        | 1                   | 0            | CY2_PSS_DIR_DER     | PAGE_TITLE      |
| 4        | 1                   | 0            |                     |                 |
| 5        | 1                   | 0            |                     |                 |
| 6        | 1                   | 0            |                     |                 |
| 8        | 0                   | 0            | CY2_PSS_DIR_DER     |                 |
| 9        | 1                   | 0            |                     |                 |
| 10       | 0                   | 0            | CY2_PSS_DIR_DER     |                 |
| 12       | 1                   | 0            | CY2_PSS_DIR_DER     | DESCRLONG_NOTES |

| Field ID | Associated Field Number | Subpage Name       | Description                | Field type  |
|----------|-------------------------|--------------------|----------------------------|---|
| 1        | 0                       |                    | PS Server directory viewer | Group Box   |
| 2        | 0                       |                    | PS Server directory viewer | Group Box   |
| 3        | 0                       |                    | PS Server directory viewer | Group Box   |
| 4        | 0                       |                    | PS Server directory viewer | Group Box   |
| 5        | 0                       |                    | PS Server directory viewer | Group Box   |
| 6        | 0                       |                    | PS Server directory viewer | Group Box   |
| 8        | 0                       | CY2_PSS_DIR_MS_SBF | PS Server directory viewer | Subpage   |
| 9        | 0                       |                    | PS Server directory viewer | Group Box   |
| 10       | 0                       | CY2_PSS_DIR_VW_SBF | PS Server directory viewer | Subpage   |
| 12       | 0                       | CY2_PSS_DIR_EXPLN  | PS Server directory viewer | Push Button/Hyperlink<br>- Destination:<br>Secondary Page |

Name page: CY2\_PSS\_DIR\_VW\_SBF PS servers directory view

Explanation page:

CY2 PSELH 20-02-2021

Page for viewing the directory of the PeopleSoft servers.

Details page:

| Type    | Stylesheetname |
|---------|----------------|
| SUBPAGE |                |

Page fields:

| Field ID | Field nbr | Page field name | Field label ID     | Label text       | Page field use |
|----------|-----------|-----------------|--------------------|------------------|----------------|
| 6        | 3         |                 | DOMAIN             | Domain           | 0              |
| 7        | 4         |                 | SERVERTNAME        | Server Name      | 0              |
| 13       | 2         |                 | PERM_LIST          | Permission List  | 3              |
| 16       | 10        | CY2_PSS_DIR_VW  |                    |                  | 13474707<br>2  |
| 22       | 14        |                 | DEFAULT            | Last Modified    | 1              |
| 23       | 5         |                 | CY2_DIRECTORY      | Directory        | 1              |
| 24       | 13        |                 | DEFAULT            | File Size        | 1              |
| 26       | 7         |                 | DEFAULT            | Up               | 0              |
| 27       | 8         |                 | DEFAULT            | Home             | 0              |
| 29       | 15        |                 | DEFAULT            | Folder           | 3              |
| 30       | 6         |                 |                    |                  | 0              |
| 32       | 9         |                 |                    |                  | 0              |
| 33       | 1         |                 |                    |                  | 0              |
| 43       | 12        |                 | CY2_FILE_DIR_ACTNS | Actions          | 0              |
| 44       | 21        |                 |                    |                  | 2              |
| 48       | 16        |                 | CY2_UPLOAD_FILE    | Upload           | 3              |
| 50       | 17        |                 | CY2_VIEW_FILE      | View/Download    | 3              |
| 51       | 18        |                 | CY2_DELETE_FILE    | Delete           | 3              |
| 54       | 11        | CY2_FILENAME    | DEFAULT            | File / Directory | 0              |
| 55       | 22        |                 |                    |                  | 2              |
| 56       | 19        |                 | CY2_CREATE_DIR     | Create Dir       | 3              |
| 57       | 20        |                 | CY2_DELETE_DIR     | Delete Dir       | 3              |

| Field ID | Deferred Processing | Occurs Level | Record (Table) Name | Field Name        |
|----------|---------------------|--------------|---------------------|-------------------|
| 6        | 0                   | 0            | CY2_PSS_DIR_DER     | DOMAIN            |
| 7        | 0                   | 0            | CY2_PSS_DIR_DER     | SERVERTNAME       |
| 13       | 1                   | 0            | CY2_PSS_DIR_DER     | CLASSID           |
| 16       | 1                   | 1            | CY2_PSS_DIR_VW      |                   |
| 22       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_LAST_MODIFIED |
| 23       | 1                   | 0            | CY2_PSS_DIR_DER     | CY2_FILE_NAME     |
| 24       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_FILE_SIZE     |

| Field ID | Deferred Processing | Occurs Level | Record (Table) Name | Field Name         |
|----------|---------------------|--------------|---------------------|--------------------|
| 26       | 1                   | 0            | CY2_PSS_DIR_DER     | CY2_UP_BTN         |
| 27       | 1                   | 0            | CY2_PSS_DIR_DER     | CY2_HOME_BTN       |
| 29       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_IS_FOLDER      |
| 30       | 1                   | 0            |                     |                    |
| 32       | 1                   | 0            |                     |                    |
| 33       | 1                   | 0            |                     |                    |
| 43       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_DIR_FILE_ACTNS |
| 44       | 1                   | 1            |                     |                    |
| 48       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_UPLOAD_FILE    |
| 50       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_VIEW_FILE      |
| 51       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_DELETE_FILE    |
| 54       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_FILE_NAME      |
| 55       | 1                   | 1            |                     |                    |
| 56       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_CREATE_DIR     |
| 57       | 1                   | 1            | CY2_PSS_DIR_VW      | CY2_DELETE_DIR     |

| Field ID | Associated Field Number | Subpage Name       | Description               | Field type  |
|----------|-------------------------|--------------------|---------------------------|---|
| 6        | 0                       |                    | PS servers directory view | Edit Box  |
| 7        | 0                       |                    | PS servers directory view | Edit Box  |
| 13       | 0                       |                    | PS servers directory view | Edit Box  |
| 16       | 5                       |                    | PS servers directory view | Grid  |
| 22       | 0                       |                    | PS servers directory view | Edit Box  |
| 23       | 0                       |                    | PS servers directory view | Edit Box  |
| 24       | 0                       |                    | PS servers directory view | Edit Box  |
| 26       | 0                       |                    | PS servers directory view | Push Button/Hyperlink<br>- Destination:<br>PeopleCode Command |
| 27       | 0                       |                    | PS servers directory view | Push Button/Hyperlink<br>- Destination:<br>PeopleCode Command |
| 29       | 0                       |                    | PS servers directory view | Check Box   |
| 30       | 0                       |                    | PS servers directory view | Group Box   |
| 32       | 0                       |                    | PS servers directory view | Group Box   |
| 33       | 0                       |                    | PS servers directory view | Group Box   |
| 43       | 0                       |                    | PS servers directory view | Push Button/Hyperlink<br>- Destination:<br>PeopleCode Command |
| 44       | 0                       | CY2_PSS_DIR_VW_SCF | PS servers directory view | Secondary Page<br>Button                                      |
| 48       | 0                       |                    | PS servers directory view | Check Box   |
| 50       | 0                       |                    | PS servers directory view | Check Box   |

| Field ID | Associated Field Number | Subpage Name       | Description               | Field type  |
|----------|-------------------------|--------------------|---------------------------|---|
| 51       | 0                       |                    | PS servers directory view | Check Box   |
| 54       | 0                       |                    | PS servers directory view | Push Button/Hyperlink<br>- Destination:<br>PeopleCode Command |
| 55       | 0                       | CY2_PSS_DIR_CD_SCF | PS servers directory view | Secondary Page<br>Button                                      |
| 56       | 0                       |                    | PS servers directory view | Check Box   |
| 57       | 0                       |                    | PS servers directory view | Check Box   |

#### Name page: CY2\_PSS\_DIR\_VW\_SCF Directory / File Actions

Explanation page:

CY2 PSELH 20-02-2021

Details page:

| Type           | Stylesheetname |
|----------------|----------------|
| SECUNDARY PAGE |                |

Page fields:

| Field ID | Field nbr | Page field name | Field label ID | Label text  | Page field use |
|----------|-----------|-----------------|----------------|-------------|----------------|
| 1        | 1         |                 |                |             | 0              |
| 10       | 3         | CY2_PSS_ACT_VW  |                |             | 5056           |
| 12       | 2         |                 | GROUPBOX2      |             | 0              |
| 23       | 4         |                 | ACTIONNAME     | Action Name | 0              |

| Field ID | Deferred Processing | Occurs Level | Record (Table) Name | Field Name |
|----------|---------------------|--------------|---------------------|------------|
| 1        | 1                   | 0            |                     |            |
| 10       | 1                   | 1            | CY2_PSS_ACT_VW      |            |
| 12       | 1                   | 0            |                     |            |
| 23       | 1                   | 1            | CY2_PSS_ACT_VW      | ACTIONNAME |

| Field ID | Associated Field Number | Subpage Name | Description              | Field type  |
|----------|-------------------------|--------------|--------------------------|---|
| 1        | 0                       |              | Directory / File Actions | Group Box   |
| 10       | -1                      |              | Directory / File Actions | Grid  |
| 12       | 0                       |              | Directory / File Actions | Group Box   |
| 23       | 0                       |              | Directory / File Actions | Push Button/Hyperlink<br>- Destination:<br>PeopleCode Command |

## SQL

Name SQL: CY2\_PSS\_DIR\_SEL\_DIRECTORIES PSS select directories

Type SQL: Normal

Explanation sql:

CY2 PSELH 20-02-2021 Select directory values for use in the PS servers directory view.

### SQL text

```
SELECT A.CY2_HOME_DIRECTORY , A.CY2_TOP_DIRECTORY , A.CY2_DEL_DIRECTORY , A.CY2_DEL CASCADE ,
A.CY2_UPLOD_DIRECTORY , A.CY2_UPLOD CASCADE , A.CY2_VIEW_DIRECTORY , A.CY2_VIEW CASCADE ,
A.CY2_CRDR_DIRECTORY , A.CY2_CRDR CASCADE , A.CY2_DLDR_DIRECTORY , A.CY2_DLDR CASCADE FROM
%Table(CY2_PSS_DIR_DDT) A WHERE A.CLASSID = :1 AND A.DOMAIN = :2 AND A.SERVERNAME = :3
```

Name SQL: CY2\_PSS\_DIR\_SEL\_DOMN\_SERV\_DEF PSS select def. domain/server

Type SQL: Normal

Explanation sql:

CY2 PSELH 20-02-2021 Select default domain, servername and directory values for use in the PS servers directory view.

### SQL text

```
SELECT A.DOMAIN , A.SERVERNAME FROM %Table(CY2_PSS_DIR_DDT) A , %Table(CY2_PSS_DIR_PDM) B WHERE
%Join(COMMON_KEYS, CY2_PSS_DIR_DDT A, CY2_PSS_DIR_PDM B) AND A.CLASSID = :1 AND A.DEFAULT_FLAG =
'Y' AND B.DEFAULT_FLAG = 'Y'
```

Name SQL: CY2\_PSS\_DIR\_SEL\_EXT\_RESTRICT Get File Ex Restrictions

Type SQL: Normal

Explanation sql:

CY2 PSELH 20-02-2021

### SQL text

```
SELECT UPPER(CY2_FILEEXTN) , CY2_CANNOT_VIEW , CY2_CANNOT_UPLOAD , CY2_CANNOT_DELETE FROM
%Table(CY2_PSS_DIR_FLE) WHERE CLASSID = :1
```

Name SQL: CY2\_PSS\_DIR\_SEL\_UNIQUE\_SERVER PSS select unique server

Type SQL: Normal

Explanation sql:

CY2 PSELH 20-02-2021 Select the servername if only one server exists for the domain. SQL for use in the PS servers directory view.

### SQL text

```
SELECT A.SERVERNAME FROM %Table(CY2_PSS_DIR_DDT) A , %Table(CY2_PSS_DIR_DHD) B WHERE
%EffdtCheck(CY2_PSS_DIR_DHD C, B, %CurrentDateIn) AND B.EFF_STATUS = 'A' AND %Join(COMMON_KEYS,
CY2_PSS_DIR_DDT A, CY2_PSS_DIR_DHD B) AND A.CLASSID = :1 AND A.DOMAIN = :2 AND EXISTS( SELECT
COUNT(*) FROM %Table(CY2_PSS_DIR_DDT) D , %Table(CY2_PSS_DIR_DHD) E WHERE E.EFFDT = B.EFFDT AND
E.EFF_STATUS = B.EFF_STATUS AND D.CLASSID = A.CLASSID AND D.DOMAIN = A.DOMAIN AND
```

| SQL text  |
|---|
| %Join(COMMON_KEYS, CY2_PSS_DIR_DDT D, CY2_PSS_DIR_DHD E) HAVING COUNT(D.SERVERNAME)= 1) |

#### Name SQL: CY2\_PSS\_ACT\_VW

Type SQL: Record view

Explanation sql:

|  |
|--|
| Belongs to record view: CY2_PSS_ACT_VW |
|--|

| SQL text                            |
|-------------------------------------|
| SELECT '' FROM %Table(INSTALLATION) |

#### Name SQL: CY2\_PSS\_DIR\_DVW

Type SQL: Record view

Explanation sql:

|   |
|---|
| Belongs to record view: CY2_PSS_DIR_DVW |
|---|

| SQL text   |
|--|
| SELECT A.CLASSID , A.DOMAIN FROM %Table(CY2_PSS_DIR_PDM) A |

#### Name SQL: CY2\_PSS\_DIR\_VW

Type SQL: Record view

Explanation sql:

|  |
|--|
| Belongs to record view: CY2_PSS_DIR_VW |
|--|

| SQL text  |
|---|
| SELECT '' , '' , '' , '' , '' , '' , '' , '' , '' , '' , '' , '' FROM %Table(PTIA_DUAL) |

#### Name SQL: CY2\_PSS\_DIR\_SVW

Type SQL: Record view

Explanation sql:

|   |
|---|
| Belongs to record view: CY2_PSS_DIR_SVW |
|---|

| SQL text   |
|--|
| SELECT A.CLASSID ,A.DOMAIN , A.SERVERNAME FROM %Table(CY2_PSS_DIR_DDT) A |

## Component PeopleCode

Name component.market.action:

CY2\_PSS\_DIR\_SETUP.GBL.PostBuild

| PeopleCode text CY2_PSS_DIR_SETUP GBL PostBuild            |
|--|
| import CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP;           |
| Component CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP &setup; |

**PeopleCode text CY2\_PSS\_DIR\_SETUP GBL PostBuild**

```
&setup.PostBuild();
```

**Name component.market.action:**

CY2\_PSS\_DIR\_SETUP.GBL.PreBuild

**PeopleCode text CY2\_PSS\_DIR\_SETUP GBL PreBuild**

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP;

Component CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP &setup;

&setup = create CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP();
&setup.PreBuild();
```

**Name component.market.action:**

CY2\_PSS\_DIR\_SETUP.GBL.SavePreChange

**PeopleCode text CY2\_PSS\_DIR\_SETUP GBL SavePreChange**

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP;

Component CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP &setup;

&setup.SavePreChange();
```

**Name component.market.action:**

CY2\_PSS\_DIR\_VW\_FL.GBL.PostBuild

**PeopleCode text CY2\_PSS\_DIR\_VW\_FL GBL PostBuild**

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW;

Component CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW &viewer;

&viewer.PostBuild();
```

**Name component.market.action:**

CY2\_PSS\_DIR\_VW\_FL.GBL.PreBuild

**PeopleCode text CY2\_PSS\_DIR\_VW\_FL GBL PreBuild**

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW;

Component CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW &viewer;

&viewer = create CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW();
&viewer.PreBuild();
```

## Component Rec Fld PeopleCode

Name component.market.record.field.action:

CY2\_PSS\_DIR\_SETUP.GBL.CY2\_PSS\_DIR\_DDT.DEFAULT\_FLAG.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_SETUP GBL CY2\_PSS\_DIR\_DDT DEFAULT\_FLAG FieldChange

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP;
```

```
Component CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP &setup;
```

```
&setup.CY2_PSS_DIR_DDT_DEFAULT_FLAG_FieldChange();
```

Name component.market.record.field.action:

CY2\_PSS\_DIR\_SETUP.GBL.CY2\_PSS\_DIR\_PDM.DEFAULT\_FLAG.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_SETUP GBL CY2\_PSS\_DIR\_PDM DEFAULT\_FLAG FieldChange

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP;
```

```
Component CY2_PSS_DIR:Components:CY2_PSS_DIR_SETUP &setup;
```

```
&setup.CY2_PSS_DIR_PDM_DEFAULT_FLAG_FieldChange();
```

Name component.market.record.field.action:

CY2\_PSS\_DIR\_VW\_FL.GBL.CY2\_PSS\_ACT\_VW.ACTIONNAME.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_ACT\_VW ACTIONNAME FieldChange

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW;
```

```
Component CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW &viewer;
```

```
&viewer.CY2_PSS_ACT_VW_ACTIONNAME_FieldChange();
```

Name component.market.record.field.action:

CY2\_PSS\_DIR\_VW\_FL.GBL.CY2\_PSS\_DIR\_DER.CY2\_HOME\_BTN.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_DIR\_DER CY2\_HOME\_BTN FieldChange

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW;
```

```
Component CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW &viewer;
```

```
&viewer.CY2_PSS_DIR_DER_CY2_HOME_BTN_FieldChange();
```

Name component.market.record.field.action:

CY2\_PSS\_DIR\_VW\_FL.GBL.CY2\_PSS\_DIR\_DER.CY2\_UP\_BTN.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_DIR\_DER CY2\_UP\_BTN FieldChange

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW;
```

```
Component CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW &viewer;
```

**PeopleCode text** CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_DIR\_DER CY2\_UP\_BTN FieldChange  
&viewer.CY2\_PSS\_DIR\_DER\_CY2\_UP\_BTN\_FieldChange();

**Name component.market.record.field.action:**

CY2\_PSS\_DIR\_VW\_FL.GBL.CY2\_PSS\_DIR\_DER.DOMAIN.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_DIR\_DER DOMAIN FieldChange  
import CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW;  
  
Component CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW &viewer;  
  
&viewer.CY2\_PSS\_DIR\_DER\_DOMAIN\_FieldChange();

**Name component.market.record.field.action:**

CY2\_PSS\_DIR\_VW\_FL.GBL.CY2\_PSS\_DIR\_DER.FILE\_DIRECTORY.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_DIR\_DER FILE\_DIRECTORY FieldChange  
import CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW;  
  
Component CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW &viewer;  
  
&viewer.CY2\_PSS\_DIR\_DER\_FILE\_DIRECTORY\_FieldChange();

**Name component.market.record.field.action:**

CY2\_PSS\_DIR\_VW\_FL.GBL.CY2\_PSS\_DIR\_DER.SERVERNAME.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_DIR\_DER SERVERNAME FieldChange  
import CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW;  
  
Component CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW &viewer;  
  
&viewer.CY2\_PSS\_DIR\_DER\_SERVERNAME\_FieldChange();

**Name component.market.record.field.action:**

CY2\_PSS\_DIR\_VW\_FL.GBL.CY2\_PSS\_DIR\_VW.CY2\_DIR\_FILE\_ACTNS.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_DIR\_VW CY2\_DIR\_FILE\_ACTNS FieldChange  
import CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW;  
  
Component CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW &viewer;  
  
&viewer.CY2\_PSS\_DIR\_VW\_CY2\_DIR\_FILE\_ACTNS\_FieldChange();

**Name component.market.record.field.action:**

CY2\_PSS\_DIR\_VW\_FL.GBL.CY2\_PSS\_DIR\_VW.CY2\_FILE\_NAME.FieldChange

**PeopleCode text** CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_DIR\_VW CY2\_FILE\_NAME FieldChange  
import CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW;

**PeopleCode text CY2\_PSS\_DIR\_VW\_FL GBL CY2\_PSS\_DIR\_VW CY2\_FILE\_NAME FieldChange**

```
Component CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW &viewer;  
  
&viewer.CY2_PSS_DIR_VW_CY2_FILENAME_FieldChange();
```

## Page PeopleCode

**Name Page.action:**

CY2\_PSS\_DIR\_VW\_SCF.Activate

**PeopleCode text CY2\_PSS\_DIR\_VW\_SCF Activate**

```
import CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW;  
  
Component CY2_PSS_DIR:Components:CY2_PSS_DIR_VIEW &viewer;  
  
&viewer.CY2_PSS_DIR_VW_SCF_Activate();
```

## Application Package Class PeopleCode

**Name Application Class:** CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_SETUP

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_SETUP**

```
import CY2_PSS_DIR:DirectoryUtility;  
  
class CY2_PSS_DIR_SETUP  
    method CY2_PSS_DIR_SETUP();  
  
        method PreBuild();  
        method PostBuild();  
        method SavePreChange();  
  
        method CY2_PSS_DIR_DDT_DEFAULT_FLAG_FieldChange();  
        method CY2_PSS_DIR_PDM_DEFAULT_FLAG_FieldChange();  
  
    private  
        instance CY2_PSS_DIR:DirectoryUtility &_directoryUtility  
    end-class;  
  
    method CY2_PSS_DIR_SETUP  
        &_directoryUtility = create CY2_PSS_DIR:DirectoryUtility();  
    end-method;  
  
    method PreBuild  
        CY2_PSS_DIR_DER.PAGE_TITLE_60.Value = MsgGetText(25301, 11, "");  
        CY2_PSS_DIR_DER.DESCRLONG_NOTES.Value = MsgGetExplainText(25301, 11, "");  
    end-method;  
  
    method PostBuild
```

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_SETUP**

```
If %Mode = %Action_Add Then

GetLevel0()(1).GetRowset(Scroll.CY2_PSS_DIR_PDM)(1).GetRowset(Scroll.CY2_PSS_DIR_DDT)(1).CY2_PSS_DIR_DDT.CY2_HOME_DIRECTORY.Value = GetEnv("PS_SERVDIR");
End-If;
end-method;

method SavePreChange

Local Rowset &domain, &directories;
Local string &topDirectory, &fieldname, &filepath;
Local integer &i, &j, &k;
Local Record &fields, &directory;
Local boolean &domainOk, &directoryOk;

&domain = GetRowset(Scroll.CY2_PSS_DIR_PDM);

For &i = 1 To &domain.ActiveRowCount;

If (&domain(&i).CY2_PSS_DIR_PDM.DEFAULT_FLAG.Value = "Y") = True Then
    &domainOk = True
End-If;

If (&domainOk <> True And
    &i = &domain.ActiveRowCount And
    All(&domain(1).CY2_PSS_DIR_PDM.DOMAIN.Value)) Then
    &domain(1).CY2_PSS_DIR_PDM.DEFAULT_FLAG.Value = "Y";
End-If;

&directoryOk = False;
&directories = &domain(&i).GetRowset(Scroll.CY2_PSS_DIR_DDT);
&fields = CreateRecord(Record.CY2_PSS_DIR_DDT);
For &j = 1 To &directories.ActiveRowCount

If (&directories(&j).CY2_PSS_DIR_DDT.DEFAULT_FLAG.Value = "Y") = True Then
    &directoryOk = True;
End-If;

If (&directoryOk <> True And
    &j = &directories.ActiveRowCount And
    All(&directories(1).CY2_PSS_DIR_DDT.SERVERNAME.Value)) Then
    &directories(1).CY2_PSS_DIR_DDT.DEFAULT_FLAG.Value = "Y";
End-If;
```

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_SETUP**

```
&directory = &directories(&j).CY2_PSS_DIR_DDT;

&topDirectory = Upper(&_directoryUtility.RemoveTrailingSeparator(&directory.CY2_TOP_DIRECTORY.Value));

For &k = 1 To &fields.FieldCount
    &fieldname = &fields.GetField(&k).Name;
    If Find("DIRECTORY", &fieldname) > 0 Then
        If All(&directory.GetField(@("FIELD" | "." | &fieldname)).Value) Then
            /* remove / \ from right side of the directory string */
            &filepath = &_directoryUtility.RemoveTrailingSeparator(&directory.GetField(@("FIELD" | "." | &fieldname)).Value);
            &directory.GetField(@("FIELD" | "." | &fieldname)).Value = &filepath;

        If Not FileExists(&filepath, %FilePath_Absolute) Then
            MessageBox(1, "", 25301, 10, "Directory %1 does not exist.", &filepath);
        End-If;
        &filepath = Upper(&filepath);

        /* check if all of the other directories fall within the top directory structure */
        If (All(&filepath) And
            Find(&topDirectory, &filepath) = 0) Then
            MessageBox(1, "", 25301, 18, "Directory %1 does not fall within the top directory", &filepath);
        End-If;
        End-If;
    End-For;
End-For;
End-For;

end-method;

method CY2_PSS_DIR_DDT_DEFAULT_FLAG_FieldChange

Local Rowset &servers = GetRowset();
Local integer &currentRow = GetRow().RowNumber;
Local string &newflag = &servers(&currentRow).CY2_PSS_DIR_DDT.DEFAULT_FLAG.Value;
Local integer &i;

If &servers.ActiveRowCount > 1 And
    &newflag = "Y" Then
    For &i = 1 To &servers.ActiveRowCount
        If &servers(&i).CY2_PSS_DIR_DDT.DEFAULT_FLAG.Value = "Y" And
            &i <> &currentRow Then
                &servers(&i).CY2_PSS_DIR_DDT.DEFAULT_FLAG.Value = "N";
    End-If;
```

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_SETUP**

```
End-For;  
End-If;  
end-method;  
  
method CY2_PSS_DIR_PDM_DEFAULT_FLAG_FieldChange  
  
Local Rowset &servers = GetRowset();  
Local integer &currentRow = GetRow().RowNumber;  
Local string &newflag = &servers(&currentRow).CY2_PSS_DIR_PDM.DEFAULT_FLAG.Value;  
Local integer &i;  
  
If &servers.ActiveRowCount > 1 And  
    &newflag = "Y" Then  
    For &i = 1 To &servers.ActiveRowCount  
        If &servers(&i).CY2_PSS_DIR_PDM.DEFAULT_FLAG.Value = "Y" And  
            &i <> &currentRow Then  
                &servers(&i).CY2_PSS_DIR_PDM.DEFAULT_FLAG.Value = "N";  
            End-If;  
        End-For;  
    End-If;  
end-method;
```

**Name Application Class: CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW****PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW**

```
import CY2_PSS_DIR:DirectoryViewer;  
  
class CY2_PSS_DIR_VIEW  
    method CY2_PSS_DIR_VIEW();  
    method PreBuild();  
    method PostBuild();  
    method CY2_PSS_DIR_DER_DOMAIN_FieldChange();  
    method CY2_PSS_DIR_DER_SERVERNAME_FieldChange();  
    method CY2_PSS_DIR_VW_CY2_FILENAME_FieldChange();  
    method CY2_PSS_DIR_DER_CY2_UP_BTN_FieldChange();  
    method CY2_PSS_DIR_DER_CY2_HOME_BTN_FieldChange();  
    method CY2_PSS_DIR_VW_CY2_DIR_FILE_ACTNS_FieldChange();  
    method CY2_PSS_DIR_VW_SCF_Activate();  
    method CY2_PSS_ACT_VW_ACTIONNAME_FieldChange();  
    method CY2_PSS_DIR_DER_FILE_DIRECTORY_FieldChange();  
  
private  
    method LoadActionsMenu(&rowset As Rowset, &actionValue As string, &actionLabel As string, &actionHoverText As string);  
    method doModalWindow(&pageName As string, &pageTitle As string) Returns integer;
```

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW**

```
method ClearConfirmationMessage(&isPersistent As boolean);
method clearPersistentConfirmationMessage();
instance string &_domain;
instance string &_server;
instance string &_permissionList;
instance Record &_cy2PssDirVw;
instance string &_action;
instance string &_createDirectoryName;
instance CY2_PSS_DIR:DirectoryViewer &_viewer;

end-class;

Declare Function SetViewport PeopleCode PTAYOUT.FUNCLIB FieldFormula;
Declare Function SetConfirmationMessage PeopleCode PT_WORK.PT_CONFIRM_MSG FieldFormula;
Declare Function ClearConfirmation PeopleCode PT_WORK.PT_CONFIRM_MSG FieldFormula;

method CY2_PSS_DIR_VIEW
/* constructor */
end-method;

method PreBuild
/* help text for viewer */
CY2_PSS_DIR_DER.DESCRLONG_NOTES.Value = MsgGetExplainText(25301, 12, "");

Local array of string &permisslonLists = %PermissionLists;

Local Rowset &rowset = CreateRowset(Record.CY2_PSS_DIR_PDM);
&rowset.Fill();

Local integer &i, &found;
For &i = 1 To &rowset.RowCount
    &_permissionList = &rowset(&i).CY2_PSS_DIR_PDM.CLASSID.Value;
    &found = &permisslonLists.Find(&_permissionList);
    If &found > 0 Then
        Break;
    End-If;
End-For;
/* check if user has permissions to view files */
If &found > 0 Then
    Local string &domain, &server;
    SQLExec(SQL.CY2_PSS_DIR_SEL_DOMN_SERV_DEF, &_permissionList, &domain, &server);
    &_domain = &domain;
    &_server = &server;
```

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW**

```
&_viewer = create CY2_PSS_DIR:DirectoryViewer(GetLevel0()(1).GetRowset(Scroll.CY2_PSS_DIR_VW), &_permissionList,
&_domain, &_server);
&_viewer.UpdateRowset("", True);
CY2_PSS_DIR_DER.CLASSID.Value = &_permissionList;
CY2_PSS_DIR_DER.DOMAIN.Value = &_domain;
CY2_PSS_DIR_DER.SERVERNAME.Value = &_server;

Else
    CY2_PSS_DIR_DER.CLASSID.Visible = False;
    CY2_PSS_DIR_DER.DOMAIN.Visible = False;
    CY2_PSS_DIR_DER.SERVERNAME.Visible = False;
    MessageBox(0, "", 25301, 26, "You don't have access to any of the directories on the server");
End-If;
end-method;

method PostBuild

AddStyleSheet(StyleSheet.CY2_PSS_DIR);

/* page title */
CY2_PSS_DIR_DER.PAGE_TITLE.Label = MsgGetText(25301, 50, "PS servers directory view");
/* set Fluid page dimensioning */
SetViewport("");
/* clear the conformation window */
%This.ClearConfirmationMessage( True);
/* need to do this round of clear conformation once to enable the notification messages after initial clearance */
%This.ClearConfirmationMessage( False);
end-method;

method CY2_PSS_DIR_DER_DOMAIN_FieldChange
Local string &server;

&_domain = CY2_PSS_DIR_DER.DOMAIN.Value;
CY2_PSS_DIR_DER.SERVERNAME.SetDefault();

SQLExec(SQL.CY2_PSS_DIR_SEL_UNIQUE_SERVER, &_permissionList, &_domain, &server);
&_server = &server;
CY2_PSS_DIR_DER.SERVERNAME.Value = &_server;

Local string &html;
If LTrim(&_domain) <> "" And
    LTrim(&_server) <> "" Then
    &_viewer = create CY2_PSS_DIR:DirectoryViewer(GetLevel0()(1).GetRowset(Scroll.CY2_PSS_DIR_VW), &_permissionList,
&_domain, &_server);
    &_viewer.UpdateRowset("", True);
```

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW**

```
End-If;

end-method;

method CY2_PSS_DIR_DER_SERVERNAME_FieldChange

    &_server = CY2_PSS_DIR_DER.SERVERNAME.Value;

    If LTrim(&_domain) <> "" And
        LTrim(&_server) <> "" Then
            &_viewer = create CY2_PSS_DIR:DirectoryViewer(GetLevel0()(1).GetRowset(Scroll.CY2_PSS_DIR_VW), &_permissionList,
            &_domain, &_server);
            &_viewer.UpdateRowset("", True);
        End-If;

end-method;

method CY2_PSS_DIR_VW_CY2_FILENAME_FieldChange
    &_viewer.GoDown(GetRow()).CY2_PSS_DIR_VW.CY2_FILE_NAME.Value);
end-method;

method CY2_PSS_DIR_DER_CY2_UP_BTN_FieldChange
    &_viewer.GoUp();
end-method;

method CY2_PSS_DIR_DER_CY2_HOME_BTN_FieldChange
    &_viewer.GoHome();
end-method;

method CY2_PSS_DIR_VW_CY2_DIR_FILE_ACTNS_FieldChange
    Local string &actionMessage, &createDirectoryName;
    Local integer &resultChoice, &endModal;

    /* set current row - record for use in secundary page */
    &cy2PssDirVw = (GetRow()).CY2_PSS_DIR_VW);

    &endModal = %This.doModalWindow(Page.CY2_PSS_DIR_VW_SCF, MsgGetText(25301, 31, "Actions"));

    Evaluate &_action
    When "UPLOAD";
        If (&_viewer.UploadFile(&cy2PssDirVw.CY2_FILE_NAME.Value)) Then
            &actionMessage = MsgGetText(25301, 32, "Upload a file in this directory");
        End-If;
        Break;
    End-If;

```

### PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW

```
When "CREATE";
  &endModal = %This.doModalWindow(Page.CY2_PSS_DIR_CD_SCF, MsgGetText(25301, 49, "Create Directory"));
  &createDirectoryName = &_createDirectoryName;
  If &endModal = 1 And
    All(&createDirectoryName) Then
      &viewer.CreateDirectory(&_cy2PssDirVw.CY2_FILE_NAME.Value, &createDirectoryName);
      &actionMessage = MsgGetText(25301, 33, "Create a directory in this directory");
    End-If;
    Break;
  When "DELETEDIRECTORY";
    &resultChoice = &viewer.DeleteDirectory(&_cy2PssDirVw.CY2_FILE_NAME.Value);
    If &resultChoice = %MsgResult_Yes Then
      &actionMessage = MsgGetText(25301, 34, "Delete this Directory");
    End-If;
    Break;
  When "VIEW";
    &viewer.ViewFile(&_cy2PssDirVw.CY2_FILE_NAME.Value);
    &actionMessage = MsgGetText(25301, 35, "View this File");
    Break;
  When "DOWNLOAD";
    &viewer.DownloadFile(&_cy2PssDirVw.CY2_FILE_NAME.Value);
    &actionMessage = MsgGetText(25301, 36, "Download this File");
    Break;
  When "DELETEFILE";
    &resultChoice = &viewer.DeleteFile(&_cy2PssDirVw.CY2_FILE_NAME.Value);
    If &resultChoice = %MsgResult_Yes Then
      &actionMessage = MsgGetText(25301, 37, "Delete this File");
    End-If;
    Break;
  When "UP";
    &viewer.GoUp();
    Break;
  When "DOWN";
    &viewer.GoDown(&_cy2PssDirVw.CY2_FILE_NAME.Value);
    Break;
  When "HOME";
    &viewer.GoHome();
    Break;
  When-Other
    /* user clicked cancel button */
    Break;
  End-Evaluate;

  &_action = "";
```

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW**

```
If All(&actionMessage) Then
    SetConfirmationMessage(MsgGetText(25301, 38, "Action is completed", &actionMessage));
    &actionMessage = "";
End-If;

end-method;

method CY2_PSS_DIR_VW_SCF_Activate

Local Rowset &cy2PssActVw;
Local integer &i;

&cy2PssActVw = GetLevel0()(1).GetRowset(Scroll.CY2_PSS_ACT_VW);
&cy2PssActVw.Flush();

If (&_cy2PssDirVw.CY2_IS_FOLDER.Value = "Y") Then
    If (&_cy2PssDirVw.CY2_UPLOAD_FILE.Value = "Y") Then
        %This.LoadActionsMenu(&cy2PssActVw, "UPLOAD", MsgGetText(25301, 28, "Upload File"), MsgGetText(25301, 32,
"Upload a file in this directory"));
    End-If;

    If (&_cy2PssDirVw.CY2_CREATE_DIR.Value = "Y") Then
        %This.LoadActionsMenu(&cy2PssActVw, "CREATE", MsgGetText(25301, 29, "Create Directory"), MsgGetText(25301, 33,
>Create a directory in this directory"));
    End-If;

    If (&_cy2PssDirVw.CY2_DELETE_DIR.Value = "Y") Then
        %This.LoadActionsMenu(&cy2PssActVw, "DELETEDIRECTORY", MsgGetText(25301, 30, "Delete Directory"),
MsgGetText(25301, 34, "Delete this Directory"));
    End-If;
Else
    If (&_cy2PssDirVw.CY2_VIEW_FILE.Value = "Y") Then
        %This.LoadActionsMenu(&cy2PssActVw, "VIEW", MsgGetText(25301, 13, "View File"), MsgGetText(25301, 35, "View this
File"));
        %This.LoadActionsMenu(&cy2PssActVw, "DOWNLOAD", MsgGetText(25301, 14, "Download File"), MsgGetText(25301,
36, "Download this File"));
    End-If;
    If (&_cy2PssDirVw.CY2_DELETE_FILE.Value = "Y") Then
        %This.LoadActionsMenu(&cy2PssActVw, "DELETEFILE", MsgGetText(25301, 15, "Delete File"), MsgGetText(25301, 37,
>Delete this File"));
    End-If;
End-If;

%This.LoadActionsMenu(&cy2PssActVw, "UP", MsgGetText(25301, 39, "Up one level"), MsgGetText(25301, 42, "Go up one
```

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW**

```
level"));
%This.LoadActionsMenu(&cy2PssActVw, "DOWN", MsgGetText(25301, 40, "Down one level"), MsgGetText(25301, 43, "Go
down one level"));

%This.LoadActionsMenu(&cy2PssActVw, "HOME", MsgGetText(25301, 41, "Go Home"), MsgGetText(25301, 44, "Go to
home directory"));

end-method;

method CY2_PSS_ACT_VW_ACTIONNAME_FieldChange

&_action = CY2_PSS_ACT_VW.ACTIONNAME.Value;
EndModal(0);

end-method;

method LoadActionsMenu
/+ &rowset as Rowset, +/
/+ &actionValue as String, +/
/+ &actionLabel as String, +/
/+ &actionHoverText as String +/

If All(&rowset(1).CY2_PSS_ACT_VW.ACTIONNAME.Value) Then
    &rowset.InsertRow(&rowset.ActiveRowCount);
End-If;

&rowset(&rowset.ActiveRowCount).CY2_PSS_ACT_VW.ACTIONNAME.Value = &actionValue;
&rowset(&rowset.ActiveRowCount).CY2_PSS_ACT_VW.ACTIONNAME.Label = &actionLabel;
&rowset(&rowset.ActiveRowCount).CY2_PSS_ACT_VW.ACTIONNAME.HoverText = &actionHoverText;
end-method;

method CY2_PSS_DIR_DER_FILE_DIRECTORY_FieldChange

&_createDirectoryName = CY2_PSS_DIR_DER.FILE_DIRECTORY.Value;

end-method;

method doModalWindow
/+ &pageName as String, +/
/+ &pageTitle as String +/
/+ Returns Integer +/

Local string &modalOptions;
Local integer &returnCode;
```

**PeopleCode text CY2\_PSS\_DIR:Components:CY2\_PSS\_DIR\_VIEW**

```
If %Request.BrowserDeviceFormFactor = %FormFactor_Small Then
    &modalOptions = GetHTMLText(HTML.CY2_PSS_MO_FULLSCREEN_FL);
Else
    &modalOptions = GetHTMLText(HTML.CY2_PSS_MO_POPUP_FL);
End-If;

&returnCode = DoModalPopup(&modalOptions, "", False, False, @("Page." | &pageName), &pageTitle, -1, -1, 0);

Return &returnCode;

end-method;

method ClearConfirmationMessage
/+ &isPersistent as Boolean +/

If &isPersistent Then
    %This.clearPersistentConfirmationMessage();
Else
    ClearConfirmation();
End-If;

end-method;

method clearPersistentConfirmationMessage

Local Record &recMessage;

try
    &recMessage = GetLevel0()(1).CY2_PSS_DIR_DER;
    If &recMessage.PT_CONFIRM_MSG.IsInBuf Then
        &recMessage.GROUPBOX.Visible = False;
        &recMessage.PT_CONFIRM_MSG.Value = "";
    End-If;
    catch Exception &ex
        /* Ignore the exception and move on */
    end-try;
end-method;
```

## Name Application Class: CY2\_PSS\_DIR:DirectoryUtility

### PeopleCode text CY2\_PSS\_DIR:DirectoryUtility

```
class DirectoryUtility

method DirectoryUtility();

method AddTrailingSeparator(&filepath As string) Returns string;
method RemoveTrailingSeparator(&filepath As string) Returns string;

property string DirectorySeparator get;
private
instance string &_directorySeparator;

end-class;

method DirectoryUtility
/*constructor*/
If Substring(GetEnv("PS_SERVDIR"), 1, 1) <> "/" Then
  &_directorySeparator = "\";
Else
  &_directorySeparator = "/";
End-If;
end-method;

method AddTrailingSeparator
/+ &filepath as String +/
/+ Returns String +/
If Right(&filepath, 1) = &_directorySeparator Then
  Return &filepath;
Else
  Return &filepath | &_directorySeparator;
End-If;
end-method;

method RemoveTrailingSeparator
/+ &filepath as String +/
/+ Returns String +/

If Right(&filepath, 1) = &_directorySeparator Then
  Return Left(&filepath, Len(&filepath) - 1);
Else
  Return &filepath;
End-If;
end-method;

get DirectorySeparator
/+ Returns String +/
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryUtility**

```
Return &_directorySeparator  
end-get;
```

**Name Application Class: CY2\_PSS\_DIR:DirectoryViewer****PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
import CY2_PSS_DIR:DirectoryUtility;  
  
class DirectoryViewer  
    method DirectoryViewer(&grid As Rowset, &permissionList As string, &domain As string, &server As string);  
    method UpdateRowset(&directory As string, &absolute As boolean);  
    method ViewFile(&fileName As string);  
    method DownloadFile(&fileName As string);  
    method DeleteFile(&fileName As string) Returns integer;  
    method UploadFile(&directory As string) Returns boolean;  
    method CreateDirectory(&directory As string, &directoryName As string);  
    method DeleteDirectory(&directory As string) Returns integer;  
    method GoHome();  
    method GoUp();  
    method GoDown(&fileName As string);  
  
private  
    instance string &_directorySeparator;  
    instance string &_permissionList;  
    instance string &_domain;  
    instance string &_server;  
    instance string &_previousDirectory;  
    instance string &_currentDirectory;  
    instance Rowset &_grid;  
    instance string &_directoryUp;  
    instance string &_directoryHome;  
  
    instance array of string &_cannotView;  
    instance array of string &_cannotUpload;  
    instance array of string &_cannotDelete;  
    instance CY2_PSS_DIR:DirectoryUtility &_directoryUtility;  
  
    method FillRestrictions();  
    method GetFileExtension(&fileName As string) Returns string;  
end-class;  
  
method DirectoryViewer  
/+ &grid as Rowset, +/  
/+ &permissionList as String, +/
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
/+ &domain as String, +/
/+ &server as String +/
&_directoryUtility = create CY2_PSS_DIR:DirectoryUtility();
&_directorySeparator = &_directoryUtility.DirectorySeparator;
&_permissionList = &permissionList;
&_domain = &domain;
&_server = &server;
&_grid = &grid;

&_cannotView = CreateArrayRept("", 0);
&_cannotDelete = CreateArrayRept("", 0);
&_cannotUpload = CreateArrayRept("", 0);
%This.FillRestrictions();
end-method;

method UpdateRowset
/+ &directory as String, +/
/+ &absolute as Boolean +/
Local string &homeDirectory, &topDdirectory, &deleteDirectory, &deleteCascade, &extension;
Local string &uploadDirectory, &uploadCascade, &viewDirectory, &viewCascade, &currentDirectoryCheck;
Local string &createDirDirectory, &createDirCascade, &deleteDirDirectory, &deleteDirCascade;
Local string &fileOrChildDirName, &fileOrChildDirPathAndName, &sizeLabel;
Local integer &i, &bytes;
Local number &size;
Local array of string &items;

SQLExec(SQL.CY2_PSS_DIR_SEL_DIRECTORIES, &_permissionList, &_domain, &_server, &homeDirectory, &topDdirectory,
&deleteDirectory, &deleteCascade, &uploadDirectory, &uploadCascade, &viewDirectory, &viewCascade, &createDirDirectory,
&createDirCascade, &deleteDirDirectory, &deleteDirCascade);

&uploadDirectory = Upper(&uploadDirectory);
&viewDirectory = Upper(&viewDirectory);
&deleteDirectory = Upper(&deleteDirectory);
&createDirDirectory = Upper(&createDirDirectory);
&deleteDirDirectory = Upper(&deleteDirDirectory);

&_directoryHome = &homeDirectory;

/* start in the home directory */
If LTrim(&directory) = "" Then
  &directory = &_directoryHome;
End-If;

/* retrieve the directory in which this file/directory resides */
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
If &absolute Then
  &_currentDirectory = &directory;
Else
  If Substring(&_currentDirectory, Len(&_currentDirectory), 1) <> &_directorySeparator Then
    &_currentDirectory = &_currentDirectory | &_directorySeparator | &directory;
  Else
    &_currentDirectory = &_currentDirectory | &directory;
  End-If;
End-If;

&currentDirectoryCheck = Upper(&_currentDirectory);

/* start in the top directory, if outside the top directory*/
If Find(Upper(&topDdirectory), Upper(&_currentDirectory)) = 0 Then
  &_currentDirectory = &topDdirectory;
End-If;

&_directoryUp = &_currentDirectory;
For &i = Len(&_directoryUp) To 1 Step - 1
  If Right(&_directoryUp, 1) <> &_directorySeparator Then
    &_directoryUp = Left(&_directoryUp, Len(&_directoryUp) - 1);
  Else
    &_directoryUp = Left(&_directoryUp, Len(&_directoryUp) - 1);
    Break;
  End-If;
End-For;

CY2_PSS_DIR_DER.CY2_FILE_NAME.Value = &_currentDirectory;

/* check if the url at hand is a directory or a file */
Local JavaObject &javaDirectory = CreateJavaObject("java.io.File", &_currentDirectory);
If &javaDirectory.exists() Then
  If Not &javaDirectory.isFile() Then

    &_previousDirectory = &_currentDirectory;

    Local JavaObject &dateFormatter = CreateJavaObject("java.text.SimpleDateFormat", "dd/MM/yyyy HH:mm:ss");
    Local JavaObject &javaFiles = &javaDirectory.listFiles();
    Local JavaObject &arraysClass = GetJavaClass("java.util.Arrays");
    Local JavaObject &fileComparer = GetJavaClass("org.apache.commons.io.comparator.LastModifiedFileComparator");
    &arraysClass.sort(&javaFiles, &fileComparer.LASTMODIFIED_REVERSE);

    Local array of any &pcFiles = CreateArrayAny();
    If &javaFiles.length > 0 Then
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
&pcFiles [&javaFiles.length] = Null;
CopyFromJavaArray(&javaFiles, &pcFiles);
End-If;

Local JavaObject &javaFile;
Local Record &rowRecord;
Local Rowset &data = CreateRowset(Record.CY2_PSS_DIR_VW);

For &i = 1 To &pcFiles.Len

  If &i > 1 Then
    &data.InsertRow(&i - 1);
  End-If;

  &rowRecord = &data(&data.ActiveRowCount).CY2_PSS_DIR_VW;

  &javaFile = &pcFiles [&i];
  &fileOrChildDirPathAndName = &javaFile.getCanonicalPath();
  &items = Split(&fileOrChildDirPathAndName, &_directorySeparator);
  &fileOrChildDirName = &items [&items.Len];

  &extension = "";
  &rowRecord.CY2_LAST_MODIFIED.Value = &dateFormatter.format(&javaFile.lastModified());
  &rowRecord.CY2_FILE_NAME.Value = &fileOrChildDirName;

  If &javaFile.isFile() Then /* object is file in the current file directory */

    /* set file size */
    &sizeLabel = " KB ";
    &bytes = &javaFile.length();
    If &bytes >= 1000000 Then

      If &bytes > 1000000000 Then
        &size = (&bytes / 1000000000);
        &sizeLabel = " GB ";
      Else
        &size = (&bytes / 1000000);
        &sizeLabel = " MB ";
      End-If;
      &size = Round(&size, 1);

    Else
      &size = (&bytes / 1000);
      &size = Round(&size, 1);
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
End-If;

&rowRecord.CY2_FILE_SIZE.Value = &size | &sizeLabel;

Else /* object is child file directory in the current file directory */
    &rowRecord.CY2_IS_FOLDER.Value = "Y";

/* check upload file */
If &uploadCascade = "Y" Then
    If Find(&uploadDirectory, Upper(&fileOrChildDirPathAndName)) <> 0 Then
        &rowRecord.CY2_UPLOAD_FILE.Value = "Y";
    End-If;
Else
    If &uploadDirectory = Upper(&fileOrChildDirPathAndName) Then
        &rowRecord.CY2_UPLOAD_FILE.Value = "Y";
    End-If;
End-If;

/* check create directory */
If &createDirCascade = "Y" Then
    If Find(&createDirDirectory, Upper(&fileOrChildDirPathAndName)) <> 0 Then
        &rowRecord.CY2_CREATE_DIR.Value = "Y";
    End-If;
Else
    If &createDirDirectory = Upper(&fileOrChildDirPathAndName) Then
        &rowRecord.CY2_CREATE_DIR.Value = "Y";
    End-If;
End-If;

/* check delete directory */
If &deleteDirCascade = "Y" Then
    If Find(&deleteDirDirectory, Upper(&fileOrChildDirPathAndName)) <> 0 And
        &deleteDirDirectory <> Upper(&fileOrChildDirPathAndName) Then
        &rowRecord.CY2_DELETE_DIR.Value = "Y";
    End-If;
Else
    /* check if there is only 1 "/" in the &fileOrChildDirPathAndName beyond the &deleteDirDirectory */
    Local string &checkPath = Substitute(Upper(&fileOrChildDirPathAndName), &deleteDirDirectory, "");
    Local boolean &isGrandChildDir = DBPatternMatch(&checkPath, "%/%%", False);

    If Find(&deleteDirDirectory, Upper(&fileOrChildDirPathAndName)) <> 0 And
        &deleteDirDirectory <> Upper(&fileOrChildDirPathAndName) And
        ( Not &isGrandChildDir) Then
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
&rowRecord.CY2_DELETE_DIR.Value = "Y";
End-If;
End-If;
End-If;
End-For;
End-If;
End-If;

&data.CopyTo(&_grid);
For &i = 1 To &_grid.ActiveRowCount
  &rowRecord = &_grid(&i).CY2_PSS_DIR_VW;
  If All(&rowRecord.CY2_FILE_NAME.Value) Then

    &rowRecord.CY2_FILE_NAME.Label = &rowRecord.CY2_FILE_NAME.Value;
    /* enable row actions */
    &rowRecord.CY2_DIR_FILE_ACTNS.Enabled = True;

    If &rowRecord.CY2_IS_FOLDER.Value <> "Y" Then

      &extension = Upper(%This.GetFileExtension(&rowRecord.CY2_FILE_NAME.Value));

      &rowRecord.CY2_FILE_NAME.Enabled = False;

      /* file action checks */

      /* check if the file may be viewed / downloaded */
      If &viewCascade = "Y" Then
        If Find(&viewDirectory, &currentDirectoryCheck) <> 0 Then
          &rowRecord.CY2_VIEW_FILE.Value = "Y";
        End-If;
      Else
        If &viewDirectory = &currentDirectoryCheck Then
          &rowRecord.CY2_VIEW_FILE.Value = "Y";
        End-If;
      End-If;

      If &_cannotView.Find(&extension) > 0 Then
        &rowRecord.CY2_VIEW_FILE.Value = "N";
      End-If;

      /* check if the file may be deleted */
      If &deleteCascade = "Y" Then
        If Find(&deleteDirectory, &currentDirectoryCheck) <> 0 Then
          &rowRecord.CY2_DELETE_FILE.Value = "Y";
        End-If;
      End-If;
    End-If;
  End-If;
End-For;
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
End-If;

Else
    If &deleteDirectory = &currentDirectoryCheck Then
        &rowRecord.CY2_DELETE_FILE.Value = "Y";
    End-If;
    End-If;

    If &_cannotDelete.Find(&extension) > 0 Then
        &rowRecord.CY2_DELETE_FILE.Value = "N";
    End-If;

Else
    /* folder appearance */
    &rowRecord.CY2_FILE_NAME.AddFFClass("psc_bold");
    &rowRecord.CY2_FILE_NAME.Enabled = True;
End-If;

Else
    /* disable row actions */
    &rowRecord.CY2_DIR_FILE_ACTNS.Enabled = False;
End-If;
End-For;

&rowRecord = &_grid(1).CY2_PSS_DIR_VW;
If None(&rowRecord.CY2_FILE_NAME.Value) Then
    &rowRecord.CY2_FILE_NAME.Label = " ";
    &rowRecord.CY2_DELETE_FILE.Label = " ";
    &rowRecord.CY2_UPLOAD_FILE.Label = " ";
End-If;

Local Grid &grid = GetGrid(Page.CY2_PSS_DIR_VW_FL, "CY2_PSS_DIR_VW");
LocalGridColumn &column = &grid.GetColumn("CY2_FILENAME");
&column.Label = MsgGetText(25301, 20, "File / Directory");
end-method;

method FillRestrictions
    Local SQL &sql = GetSQL(SQL.CY2_PSS_DIR_SEL_EXT_RESTRICT, &_permissionList);
    Local string &fileExtension, &cannotView, &cannotUpload, &cannotDelete;
    While &sql.Fetch(&fileExtension, &cannotView, &cannotUpload, &cannotDelete);
        If &cannotView = "Y" Then
            &cannotView.Push(&fileExtension);
        End-If;
        If &cannotUpload = "Y" Then
            &cannotUpload.Push(&fileExtension);
        End-If;
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
If &cannotDelete = "Y" Then
    &_cannotDelete.Push(&fileExtension);
End-If;
End-While;
end-method;

method GetFileExtension
/+ &fileName as String +/
/+ Returns String +/
Local array of string &items = Split(&fileName, ".");
If &items.Len < 2 Then
    Return "";
End-If;

Return &items [&items.Len];
end-method;

method ViewFile
/+ &fileName as String +/

Local string &guid = UuidGen();
Local number &retcode = PutAttachment(URL.FILEDB, &guid, &_currentDirectory | &_directorySeparator | &fileName);

If &retcode = %Attachment_Success Then
    &retcode = ViewAttachment(URL.FILEDB, &guid, &fileName);

    If &retcode <> %Attachment_Success Then
        MessageBox(1, "File Attachment Status", 25301, 27, "Unable to retrieve file");
    End-If;

    &retcode = DeleteAttachment(URL.FILEDB, &guid);
End-If;

end-method;

method DownloadFile
/+ &fileName as String +/

Local string &guid = UuidGen();
Local number &retcode = PutAttachment(URL.FILEDB, &guid, &_currentDirectory | &_directorySeparator | &fileName);

If &retcode = %Attachment_Success Then
    &retcode = DetachAttachment(URL.FILEDB, &guid, &fileName);
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
If &retcode <> %Attachment_Success Then
    MessageBox(1, "File Attachment Status", 25301, 27, "Unable to retrieve file");
End-If;

&retcode = DeleteAttachment(URL.FILEDB, &guid);
End-If;

end-method;

method DeleteFile
/+ &fileName as String +/
/+ Returns Integer +/
Local number &answer = MessageBox(%MsgStyle_YesNo, "", 25301, 22, "Are you sure you want to delete %1", &fileName);
If &answer = %MsgResult_Yes Then
    Local File &deletefile = GetFile(&_currentDirectory | &_directorySeparator | &fileName, "R", "A", %FilePath_Absolute);
    &deletefile.Delete();
    %This.UpdateRowset(&_currentDirectory, True);
End-If;

Return &answer;
end-method;

method UploadFile
/+ &directory as String +/
/+ Returns Boolean +/

Local string &fileName;
Local boolean &success;

/* Load the attachment from client to record PSFILE_ATTDET */
Local integer &return = AddAttachment(URL.FILEDB, "", "", &fileName);
&success = True;

/* Continue in case Cancel button is NOT clicked */
If &return <> %Attachment_Cancelled Then

    If &return <> %Attachment_Success Then
        MessageBox(1, "File Attachment Status", 25301, 23, "Upload to Application Server failed");
        Return False;
    End-If;

    Local string &extension = %This.GetFileExtension(&fileName);
    If &_cannotUpload.Find(&extension) = 0 Then
        /* set variable for destination on appserver, inclusieve file name */
    End-If;
End-If;
```

**PeopleCode text CY2\_PSS\_DIR:DirectoryViewer**

```
Local string &path = &_currentDirectory | &_directorySeparator | &directory;
Local string &destination = &path | &_directorySeparator | &fileName;

/* Put the attachment on the destination */
&return = GetAttachment(URL.FILEDB, &fileName, &destination);
If &return = %Attachment_Failed Then
    MessageBox(1, "File Attachment Status", 25301, 23, "Upload to Application Server failed");
    &success = False;
End-If;

/* Remove the attachment from record PSFILE_ATTDET*/
&return = DeleteAttachment(URL.FILEDB, &fileName);
%This.UpdateRowset(&path, True);

Else
    MessageBox(1, "File Attachment Status", 25301, 24, "%1 files cannot be uploaded", &extension);
    Return False;
End-If;

Else
    Return False;
End-If;

Return &success;
end-method;

method CreateDirectory
/+ &directory as String, +/
/+ &DirectoryName as String +/
.CreateDirectory(&_currentDirectory | &_directorySeparator | &directory | &_directorySeparator | &DirectoryName,
%FilePath_Absolute);
%This.UpdateRowset(&_currentDirectory | &_directorySeparator | &directory /*switch on this part if you want to open the
new directory | &_directorySeparator | &DirectoryName */, True);

end-method;

method DeleteDirectory
/+ &directory as String +/
/+ Returns Integer +/
Local number &answer = MessageBox(%MsgStyle_YesNo, "", 25301, 22, "Are you sure you want to delete %1", &directory);
If &answer = %MsgResult_Yes Then
    RemoveDirectory(&_currentDirectory | &_directorySeparator | &directory, %FilePath_Absolute + %Remove_Subtree);
    %This.UpdateRowset(&_currentDirectory, True);
End-If;

Return &answer;
```

### PeopleCode text CY2\_PSS\_DIR:DirectoryViewer

```
end-method;

method GoHome
    %This.UpdateRowset(&_directoryHome, True);
end-method;

method GoUp
    %This.UpdateRowset(&_directoryUp, True);
end-method;

method GoDown
    /* &fileName as String */
    %This.UpdateRowset(&fileName, False);
end-method;
```

## Permission Lists

Name Permission list: CY2\_PSS\_DIRECTORY PeopleSoft serv directory view

The screenshot shows the 'Permission List' configuration page for the 'CY2\_PSS\_DIRECTORY' list. The top navigation bar includes tabs for General, Pages, PeopleTools, Process, Sign-on Times, Component Interfaces, and a 'More' button. The 'General' tab is selected.

**Permission List CY2\_PSS\_DIRECTORY**

**Description:** PeopleSoft serv directory view

**Permission List General**

**Navigator Homepage:** [Search icon]

Can Start Application Server?

Allow Password to be Emailed?

**Time-out Minutes**

Never Time-out

Specific Time-out (minutes)  
[Text input field]

**Action Buttons:** Save, Return to Search, Add, Update/Display

**Page Footer:** General | Pages | PeopleTools | Process | Sign-on Times | Component Interfaces | Web Libraries | Web Services | /

The following menu is defined in the permission list.

General Pages PeopleTools Process Sign-on Times Component Interfaces

Permission List CY2\_PSS\_DIRECTORY

Description PeopleSoft serv directory view

**Mobile Page Permissions:**

| Menus            | Personalize   Find   View All | First  1 of 1  Last |
|------------------|-------------------------------|---------------------|
| Menu Name        | Menu Label                    | Edit Components     |
| CY2_PSS_DIR_MENU | Cy2 Dir App Server Menu       |                     |

The following components are authorised in the menu.

Component Permissions Help

Cy2 Dir App Server Menu

| Components                          | Personalize   Find | First  1-2 of 2  Last      |            |  |
|-------------------------------------|--------------------|----------------------------|------------|--|
| Authorized?                         | Component Name     | Item Label                 | Edit Pages | View Content References for this Component |
| <input checked="" type="checkbox"/> | CY2_PSS_DIR_SETUP  | PS servers directory setup |            |  |
| <input checked="" type="checkbox"/> | CY2_PSS_DIR_VW_FL  | PS servers directory view  |            |  |

OK Cancel

## Portal Registry Structures

Name Portal registry structure item: CY2\_PSS\_DIR\_SETUP\_GBL

Explanation item:

Setup page for the viewing, deleting, downloading and uploading of files in directories on PeopleSoft servers.

Details item:

| Portal   | Type      | Label                      | Effective date | Expire date |
|----------|-----------|----------------------------|----------------|-------------|
| EMPLOYEE | Component | PS servers directory setup | 2010-01-18     |             |

| Parent object | Content Provider Name | Usage type | Template Type | Storage Type  |
|---------------|-----------------------|------------|---------------|---------------|
| CY2_PSS_DIR   | LOCAL_NODE            | Target     | HTML template | Remote by URL |

| URL type             | Template name    | IsPublic | URL text                                     |
|----------------------|------------------|----------|--|
| PeopleSoft Component | DEFAULT_TEMPLATE | 2        | c/CY2_PSS_DIR_MENU.C<br>Y2_PSS_DIR_SETUP.GBL |

#### Name Portal registry structure item: CY2\_PSS\_DIR\_VW\_FL\_GBL

Explanation item:

View, delete, download or upload files in directories on PeopleSoft servers.

Details item:

| Portal   | Type      | Label                        | Effective date | Expire date |
|----------|-----------|------------------------------|----------------|-------------|
| EMPLOYEE | Component | PS servers<br>directory view | 2021-01-23     |             |

| Parent object | Content Provider Name | Usage type | Template Type | Storage Type  |
|---------------|-----------------------|------------|---------------|---------------|
| CY2_PSS_DIR   | LOCAL_NODE            | Target     | No template   | Remote by URL |

| URL type             | Template name    | IsPublic | URL text                                     |
|----------------------|------------------|----------|--|
| PeopleSoft Component | DEFAULT_TEMPLATE | 2        | c/CY2_PSS_DIR_MENU.C<br>Y2_PSS_DIR_VW_FL.GBL |

#### Name Portal registry structure item: CY2\_FOLDER

Explanation item:

N/A

Details item:

| Portal   | Type   | Label        | Effective date | Expire date |
|----------|--------|--------------|----------------|-------------|
| EMPLOYEE | Folder | CY2 projects | 2015-06-23     |             |

| Parent object      | Content Provider Name | Usage type | Template Type | Storage Type |
|--------------------|-----------------------|------------|---------------|--------------|
| PORTAL_ROOT_OBJECT |                       |            |               |              |

| URL type | Template name | IsPublic | URL text |
|----------|---------------|----------|----------|
|          |               | 1        |          |

#### Name Portal registry structure item: CY2\_PSS\_DIR

Explanation item:

View, delete, download and upload files to directories of PeopleSoft servers.

Details item:

| Portal   | Type   | Label      | Effective date | Expire date |
|----------|--------|------------|----------------|-------------|
| EMPLOYEE | Folder | PeopleSoft | 1901-01-01     |             |

| Portal | Type | Label             | Effective date | Expire date |
|--------|------|-------------------|----------------|-------------|
|        |      | servers directory |                |             |

| Parent object | Content Provider Name | Usage type | Template Type | Storage Type |
|---------------|-----------------------|------------|---------------|--------------|
| CY2_FOLDER    |                       |            |               |              |

| URL type | Template name | IsPublic | URL text |
|----------|---------------|----------|----------|
|          |               | 1        |          |

## Message Catalog Entries

Name Message set: 25301 CY2 Directory Viewer

Details messages:

| Number | Severity | Message Text                       | Message Explain Text   |
|--------|----------|------------------------------------|--|
| 1      | Message  | PeopleSoft servers directory setup | Page title page<br>CY2_PSS_DIR_SETUP   |
| 2      | Message  | Domain setup values                | scroll header title page<br>CY2_PSS_DIR_SETUP  |
| 3      | Message  | View                               | Tab title grid page<br>CY2_PSS_DIR_SETUP   |
| 4      | Message  | Delete                             | Tab title grid page<br>CY2_PSS_DIR_SETUP   |
| 5      | Message  | PeopleSoft servers directory view  | Page title CY2_PSS_DIR_VIEW  |
| 6      | Message  | Download                           | Tab title grid page<br>CY2_PSS_DIR_SETUP   |
| 7      | Message  | Upload                             | Tab title grid page<br>CY2_PSS_DIR_SETUP   |
| 8      | Message  | General                            | Tab title grid page<br>CY2_PSS_DIR_SETUP   |
| 9      | Message  | Domain                             | scroll header title page<br>CY2_PSS_DIR_SETUP  |
| 10     | Error    | Directory %1 does not exist.       | The directory you have specified does not exist. Check the filepath and remember that the file path can be case sensitive. |

|    |         |  |   |
|----|---------|--|---|
| 11 | Message | Explanation PS servers directory setup | <pre> &lt;style type="text/css"&gt; div h1{ font: bold 12px arial; color: #CF5200; margin:10px; } div h2{ font: bold 14px arial; color: #CF5200; margin:10px; } div p{font: 12px arial; margin:10px; } .explain{-moz-box-sizing: border-box; padding: 0 px; width: 500px; height: 1950px; }  &lt;/style&gt; &lt;div class = "explain"&gt; &lt;h1&gt;Permission list:&lt;/h1&gt; &lt;p&gt;Rights to view, download, delete, upload files and create, delete directories in the different server directories are based on permission lists issued to users.&lt;/p&gt; &lt;h1&gt;Description:&lt;/h1&gt; &lt;p&gt;Enter a description for the set of directory permissions.&lt;/p&gt; &lt;h1&gt;Domain:&lt;/h1&gt; &lt;p&gt;Enter the name of the PeopleSoft domain.&lt;/p&gt; &lt;h1&gt;Set default:&lt;/h1&gt; &lt;p&gt;Tick the box to set this domain as the default domain for viewing directories.&lt;/p&gt; &lt;h1&gt;Description:&lt;/h1&gt; &lt;p&gt;Enter a description for the PeopleSoft domain.&lt;/p&gt; &lt;h2&gt;General:&lt;/h2&gt; &lt;p&gt;Grid tab which holds general information about the server directory.&lt;/p&gt; &lt;h1&gt;Server Name:&lt;/h1&gt; &lt;p&gt;Enter a name for the server. Within a domain multiple servers (app server(s), file server(s), webserver(s), etc) can reside. Every server will need its own row with directory values.&lt;/p&gt; &lt;h1&gt;General on directories:&lt;/h1&gt; &lt;p&gt;&lt;b&gt;When you want to use multiple servers per domain, you&lt;/b&gt;&lt;/p&gt; </pre> |
|----|---------|--|---|

|  |  |  |
|--|--|--|
|  |  | <p>must use a unique notation (e.g. UNC notation) for directories so the tool can differ between the different servers. The directory permissions of the user used by PeopleSoft to access files on the different servers determine the overall rights to directories. It is not possible to access directories or perform file actions that the PeopleSoft system user can't access or perform.</p> <p><b>Set default:</b></p> <p>Tick the box to set this server as the default server (for the default domain) for viewing directories.</p> <p><b>Home directory:</b></p> <p>Set the home directory for viewing directories on this server. The home directory will be available as an action and a button in all the directory views.</p> <p><b>Top directory:</b></p> <p>Set the top directory for viewing directories on this server. No directories above this directory will be accessible by users.</p> <p><b>View:</b></p> <p>Grid tab which holds information about the viewing rights in the server directory.</p> <p><b>View directory:</b></p> <p>Set the view directory to define in which directory users can view the contents of files.</p> <p><b>Cascade:</b></p> <p>Tick the cascade checkbox to cascade the file content viewing rights to all underlying directories of the view directory.</p> <p><b>Delete:</b></p> <p>Grid tab which holds information about the delete rights in the server directory.</p> |
|--|--|--|

|  |  |  |
|--|--|--|
|  |  | <p>&lt;h1&gt;Delete directory:&lt;/h1&gt;</p> <p>&lt;p&gt;Set the delete directory to define in which directory users can delete files.&lt;/p&gt;</p> <p>&lt;h1&gt;Cascade:&lt;/h1&gt;</p> <p>&lt;p&gt;Tick the cascade checkbox to cascade the file delete rights to all underlying directories of the delete directory.&lt;/p&gt;</p> <p>&lt;h2&gt;Download:&lt;/h2&gt;</p> <p>&lt;p&gt;Grid tab which holds information about the download rights in the server directory.&lt;/p&gt;</p> <p>&lt;h1&gt;Download directory:&lt;/h1&gt;</p> <p>&lt;p&gt;Set the download directory to define from which directory users can download files.&lt;/p&gt;</p> <p>&lt;h1&gt;Cascade:&lt;/h1&gt;</p> <p>&lt;p&gt;Tick the cascade checkbox to cascade the file download rights to all underlying directories of the download directory.&lt;/p&gt;</p> <p>&lt;h2&gt;Upload:&lt;/h2&gt;</p> <p>&lt;p&gt;Grid tab which holds information about the upload rights in the server directory.&lt;/p&gt;</p> <p>&lt;h1&gt;Upload directory:&lt;/h1&gt;</p> <p>&lt;p&gt;Set the upload directory to define to which directory users can upload files.&lt;/p&gt;</p> <p>&lt;h1&gt;Cascade:&lt;/h1&gt;</p> <p>&lt;p&gt;Tick the cascade checkbox to cascade the file upload rights to all underlying directories of the upload directory.&lt;/p&gt;</p> <p>&lt;h2&gt;Create Directory:&lt;/h2&gt;</p> <p>&lt;p&gt;Grid tab which holds information about the create directories rights in the server directory.&lt;/p&gt;</p> <p>&lt;h1&gt;Create Directories directory:&lt;/h1&gt;</p> <p>&lt;p&gt;Set the create directories directory to define in which directory users can create child</p> |
|--|--|--|

|  |  |   |
|--|--|---|
|  |  | <p>directories.&lt;/p&gt;</p> <p><b>Cascade:</b>&lt;/h1&gt;</p> <p>&lt;p&gt;Tick the cascade checkbox to cascade the create directories rights to all underlying directories of the create directories directory.&lt;/p&gt;</p> <p><b>Delete Directory:</b>&lt;/h2&gt;</p> <p>&lt;p&gt;Grid tab which holds information about the delete directories rights in the server directory.&lt;/p&gt;</p> <p><b>Delete Directories directory:</b>&lt;/h1&gt;</p> <p>&lt;p&gt;Set the delete directories directory to define which directory users can delete.&lt;/p&gt;</p> <p><b>Cascade:</b>&lt;/h1&gt;</p> <p>&lt;p&gt;Tick the cascade checkbox to cascade the delete directory rights to all underlying directories of the delete directories directory. Note that if you DO NOT set the cascading permissions, Child directories cannot be deleted if they have child directories beneath them.&lt;/p&gt;</p> <p><b>File Extension Restrictions:</b>&lt;/h2&gt;</p> <p>&lt;p&gt;Grid which sets restrictions to files with certain extensions for all directories.&lt;/p&gt;</p> <p><b>File Extension:</b>&lt;/h1&gt;</p> <p>&lt;p&gt;Set the file extension that should not be viewed, uploaded or deleted.&lt;/p&gt;</p> <p><b>Cannot View:</b>&lt;/h1&gt;</p> <p>&lt;p&gt;Tick the 'Cannot View' checkbox to prevent files with this extension from being viewed or downloaded to view.&lt;/p&gt;</p> <p><b>Cannot Upload:</b>&lt;/h1&gt;</p> <p>&lt;p&gt;Tick the 'Cannot Upload' checkbox to prevent files with this extension from being</p> |
|--|--|---|

|  |  |  |
|--|--|--|
|  |  | <p>uploaded.&lt;/p&gt;</p> <p>&lt;h1&gt;Cannot Delete:&lt;/h1&gt;</p> <p>&lt;p&gt;Tick the 'Cannot Delete' checkbox to prevent files with this extension from being deleted.&lt;/p&gt;</p> <p>&lt;/div&gt;</p> |
|--|--|--|

|    |         |                                       |   |
|----|---------|---------------------------------------|---|
| 12 | Message | Explanation PS servers directory view | <pre> &lt;style type="text/css"&gt; div h1{ font: bold 12px arial; color: #CF5200; margin:10px; } div h2{ font: bold 14px arial; color: #CF5200; margin:10px; } div p{font: 12px arial; margin:10px; } .explain{-moz-box-sizing: border-box; padding: 0 px; width: 500px; height: 900px; }  &lt;/style&gt; &lt;div class = "explain"&gt; &lt;h1&gt;Domain:&lt;/h1&gt; &lt;p&gt;Choose the PeopleSoft domain of which you want to view the directory.&lt;/p&gt; &lt;h1&gt;Server:&lt;/h1&gt; &lt;p&gt;Choose the server within the chosen domain of which you want to view the directory.&lt;/p&gt; &lt;h1&gt;Up:&lt;/h1&gt; &lt;p&gt;Clicking the 'Up' button will take you one directory up.&lt;/p&gt; &lt;h1&gt;Home:&lt;/h1&gt; &lt;p&gt;Clicking the 'Home' button will take you to the home directory of this server.&lt;/p&gt; &lt;h1&gt;File / Directory:&lt;/h1&gt; &lt;p&gt;If a name is displayed in blue, it's a directory and clicking it will take you into that directory.&lt;/p&gt; &lt;p&gt;If a name is displayed in black, its a file.&lt;/p&gt; &lt;h2&gt;Actions:&lt;/h2&gt; &lt;p&gt;Actions are context sensitive to files / directories and security setup for types of files&lt;/p&gt; &lt;h1&gt;Upload File:&lt;/h1&gt; &lt;p&gt;Clicking the 'Upload file' line lets you upload a file to this directory.&lt;/p&gt; &lt;h1&gt;Create Directory:&lt;/h1&gt; &lt;p&gt;Clicking the 'Create Directory' line lets you create a directory in this directory.&lt;/p&gt; &lt;h1&gt;Delete Directory:&lt;/h1&gt; </pre> |
|----|---------|---------------------------------------|---|

|    |         |               |  |
|----|---------|---------------|--|
|    |         |               | <p>&lt;p&gt;Clicking the 'Delete Directory' line lets you delete this directory.&lt;/p&gt;</p> <p>&lt;h1&gt;View File:&lt;/h1&gt;</p> <p>&lt;p&gt;Clicking the 'View File' line lets you view the content of this file. Please note that according to the configuration of your browser the file will open in a new browser tab or will download to your local machine.&lt;/p&gt;</p> <p>&lt;h1&gt;Download File:&lt;/h1&gt;</p> <p>&lt;p&gt;Clicking the 'Delete File' line lets you download this file to your local machine.&lt;/p&gt;</p> <p>&lt;h1&gt;Delete file:&lt;/h1&gt;</p> <p>&lt;p&gt;Clicking the 'Delete File' line lets you delete this file.&lt;/p&gt;</p> <p>&lt;h1&gt;Up one level:&lt;/h1&gt;</p> <p>&lt;p&gt;Clicking the 'Up one level' line lets you navigate to the directory above the current directory. This action performs the same action as clicking the 'Up' button.&lt;/p&gt;</p> <p>&lt;h1&gt;Down one level:&lt;/h1&gt;</p> <p>&lt;p&gt;Clicking the 'Down one level' line lets you navigate to the directory below the current directory.&lt;/p&gt;</p> <p>&lt;h1&gt;Go Home:&lt;/h1&gt;</p> <p>&lt;p&gt;Clicking the 'Go Home' line lets you navigate to the directory below the current directory. This action performs the same action as clicking the 'Home' button.&lt;/p&gt;</p> |
| 13 | Message | View File     | Action item name field<br>ACTIONNAME on page<br>CY2_PSS_DIR_ACT_SCF  |
| 14 | Message | Download File | Action item name field<br>ACTIONNAME on page<br>CY2_PSS_DIR_ACT_SCF  |
| 15 | Message | Delete File   | Action item name field<br>ACTIONNAME on page<br>CY2_PSS_DIR_ACT_SCF  |

|    |         |  |   |
|----|---------|--|---|
| 16 | Message | Up   |   |
| 17 | Message | Home   |   |
| 18 | Error   | Directory %1 does not fall within the top directory            | All directories must fall within the structure of the top directory, otherwise problems with the security of the directory structure may occur. |
| 19 | Message | You don't have access to any of the directories on the server. | Please contact your security administrator if you feel this message is in error.  |
| 20 | Message | File / Directory   |   |
| 21 | Message | Unable to delete file  |   |
| 22 | Message | Are you sure you want to delete %1                             |   |
| 23 | Message | Upload to Application Server failed                            |   |
| 24 | Message | %1 files cannot be uploaded                                    |   |
| 25 | Message | File Extension Restrictions                                    |   |
| 26 | Message | You don't have access to any of the directories on the server  |   |
| 27 | Message | Unable to retrieve file  |   |
| 28 | Message | Upload File  | Action item name field<br>ACTIONNAME on page<br>CY2_PSS_DIR_ACT_SCF   |
| 29 | Message | Create Directory   | Action item name field<br>ACTIONNAME on page<br>CY2_PSS_DIR_ACT_SCF   |
| 30 | Message | Delete Directory   | Action item name field<br>ACTIONNAME on page<br>CY2_PSS_DIR_ACT_SCF   |
| 31 | Message | Actions  | Title page CY2_PSS_DIR_ACT_SCF  |
| 32 | Message | Upload a file in this directory                                |   |
| 33 | Message | Create a directory in this directory                           |   |
| 34 | Message | Delete this directory  |   |
| 35 | Message | View this file   |   |
| 36 | Message | Download this file   |   |
| 37 | Message | Delete this file   |   |
| 38 | Message | Action: %1 is completed.                                       |   |
| 39 | Message | Up one level   |   |
| 40 | Message | Down one level   |   |
| 41 | Message | Go Home  |   |
| 42 | Message | Go up one level  |   |

|    |         |                           |                                     |
|----|---------|---------------------------|-------------------------------------|
| 43 | Message | Go down one level         |                                     |
| 44 | Message | Go to home directory      |                                     |
| 45 | Message | Create Directory          |                                     |
| 46 | Message | Delete Directory          |                                     |
| 47 | Message | CY2_PSS_DIR_VW_SCF        | Page name subpage in page defintion |
| 48 | Message | CY2_PSS_DIR_CD_SCF        | Page name subpage in page defintion |
| 49 | Message | Create Directory          | CY2_PSS_DIR_CD_SCF                  |
| 50 | Message | PS servers directory view | Page title CY2_PSS_DIR_VW_FL        |

## Stylesheets

### Name Stylesheet: CY2\_PSS\_DIR

```
/*
-----*
* CY2 Directy viewer, CSS, 23/01/2021
* Stylesheet for directory viewer
*
*-----*/
```

```
.cy2_blue_bolder > .ps-link-wrapper > .ps-link:not([disabled]){
font-weight: bolder;
}
```

```
.cy2_pss-actions-modal-size {
min-width: 230px;
min-height: 280px;
}
```

```
.cy2_pss-directory-modal-size {
min-width: 400px;
min-height: 150px;
}
```

```
/*
-----*
* Styes for page layout.
*-----*/
```

```
/* Position of page title */
.ps_a_pagetitle {
    float:left;
    margin-top:1em;
}
```

```
/* Position of action buttons */
.ps_a_pageaction {
    float:right;
```

```

        margin-top:1em;
    }

/* prevents grid from getting too expanded on the xlarge form factor */
.psa_panel-content {
    max-width:1024px;
}

/* Center align page title */
.ps_header_bar > .ps_pagetitle_cont {
    text-align:center !important;
}

/*
* Styles for grid column width. Use in PAGEFIELD
*/
.th[class*="CY2_COLUMN20"],td[class*="CY2_COLUMN20"]{
width:20%;
}

.th[class*="CY2_COLUMN25"],td[class*="CY2_COLUMN25"]{
width:25%;
}

.th[class*="CY2_COLUMN33"],td[class*="CY2_COLUMN33"]{
width:33%;
}

.th[class*="CY2_COLUMN50"],td[class*="CY2_COLUMN50"]{
width:50%;
}

.th[class*="CY2_FILENAME"],td[class*="CY2_FILENAME"]{
width:30%;
}

/*
* Styles for List Grid View Styles. Use in list grid
*/
.psa_modal-anchor .ps_box-grid-header, .psa_hide-page-header {
display: none;
}

.psa_overflow > .ps_box-value, .psa_overflow > .ps-link-wrapper, .psa_list-grid-anchor X .psa_overflow {
width: 100%;
}

.psa_overflow > .ps-link-wrapper > .ps-link, .psa_cum-gpa-sff-anchor > .ps_box-gridc li.ps_grid-row > .ps_box-edit {

```

```
width: 100%;  
overflow: hidden;  
text-overflow: ellipsis;  
}  
  
/* Begin, List Grid View Styles */  
.psa_list-grid-anchor .ps_box-gridc {  
border-top: 1px solid #DDD;  
}  
  
.psa_list-grid-anchor .ps_box-gridc .ps_grid-body {  
padding: 0px;  
}  
  
.psa_list-grid-anchor .ps_grid-list li.ps_grid-row {  
border-top: 1px solid #D3D3D3;  
padding-top: 0.5em;  
padding-bottom: 0.5em;  
padding-left: 0.5em;  
list-style: none;  
}  
  
.psa_list-grid-anchor > .ps_header-group {  
margin-bottom: 0px;  
border-bottom: none;  
}  
  
.psa_list-grid-anchor .ps_grid-list .ps_box-edit {  
margin-bottom: 0px;  
}  
  
.psa_list-grid-anchor .ps_grid-flex .ps_box-edit .ps_box-value,  
.psa_cum-gpa-sff-anchor > .ps_box-gridc li.ps_grid-row > .ps_box-edit {  
width: 100%;  
overflow: hidden;  
text-overflow: ellipsis;  
}  
  
.psa_list-grid-anchor .psa_view-grade-sff-anchor .ps_grid-list .ps_box-edit .ps_box-value {  
width: 66%;  
white-space: normal;  
vertical-align: top;  
line-height: 1.5em;  
}  
  
.psa_list-grid-anchor .ps_grid-list .ps_box-edit .ps_box-value {  
white-space: normal;  
}
```

```

.psa_list-grid-anchor .ps_grid-flex .ps_box-edit .ps_box-label {
vertical-align: top;
line-height: 1.5em;
}

.psa_list-grid-anchor .ps_grid-list .ps_grid-row span {
line-height: 1.5em;
}

.psa_list-grid-anchor .ps_grid-list .ps_grid-row .ps_box-link {
vertical-align: top;
}

.psa_list-grid-anchor .ps_box-gridc li.ps_grid-row:last-child {
border-bottom: 1px solid #D3D3D3;
}

.psa_list-grid-anchor .ps_grid-list li.ps_grid-row:first-child {
border-top: 0px;
}

.psa_list-grid-anchor .ps_grid-list {
border: 1px solid #D3D3D3;
}

.psa_list-grid-anchor .ps_box-gridc .ps_grid-row .ps_box-edit .ps_box-label .ps-label {
white-space: nowrap !important;
}

```

/\* conformation window styles \*/

```

.ps_header_confirmation>.psc_error>.psc_confirmation-area {
background-color: #f99;
color: #505050;
border: #f66
}

```

## Translate values

**Field:** CY2\_DIR\_FILE\_ACTNS

Details field:

| Value | Effdt      | Status | Short Name | Long Name        |
|-------|------------|--------|------------|------------------|
| 1     | 01/01/1901 | Active | View       | Upload File      |
| 2     | 01/01/1901 | Active | Upload     | View File        |
| 3     | 01/01/1901 | Active | Delete     | Delete File      |
| 4     | 01/01/1901 | Active | Create Dir | Create Directory |
| 5     | 01/01/1901 | Active | Delete Dir | Delete Directory |

## 7. MISCELLANEOUS

### 7.1. OTHER RELEVANT INFORMATION

Installation and functional documentation for this project are described in two other documents that are delivered as part of the change package (Documentation folder).

“ / ”

That's all folks, good luck using the functionality, hope you enjoy it as much as we do!

