

CA PPM 14.3

Hierarchical Views r3  
Installation Procedure

**Table of Contents**

[1. Installation Instructions 3](#_Toc437451791)

[1.1. Pre-reqs 3](#_Toc437451792)

[1.2. Pre-Installation Steps 3](#_Toc437451793)

[1.3. Package Installation 4](#_Toc437451794)

[2. Technical Summary 5](#_Toc437451795)

[2.1. Object Description 5](#_Toc437451796)

[2.2. Pages 5](#_Toc437451797)

[2.3. Queries 5](#_Toc437451798)

[2.4. Portlets 5](#_Toc437451799)

[2.5. Seed Data 5](#_Toc437451800)

# Installation Instructions

## Pre-reqs

This package assumes:

1. You have XOG installed in the correct version (v14.3)
2. You have a user called “xog” that has a password “gox” with **all access rights** to xog stuff in.

## Pre-Installation Steps

1. Download the Package ZIP file from the CA Wiki page.
2. Unzip the package file into your c:\temp folder.
3. Login to CA PPM
4. Navigate to Knowledge Store
5. Click “Actions” at the Top Level and choose “Add Documents”
6. Click “Choose File”
7. Go to C:\Temp\hierView\_v3
8. Select file hierView.html and click “Open”
9. The file will be uploaded to the Knowledge Store
10. Right-click the file and choose “Copy link address”
11. Paste the results in the “A” row on the Table below
12. Copy the part of the URL containing the “fileId” and paste on the “C” row on the Table below. It should look like the “B” row, but maybe with a different value.

|  |  |
| --- | --- |
| A | http://SERVERNAME/niku/app?action=dms.viewFile&RhXm0r7tSeUqEr=true&fileId=5076540&fileName=hierView.html&filedownload=filedownload&RhXm0r7tSeUqEr=true |
| B | fileId=5076540 |
| C |  |

1. Open Windows Explorer and Navigate to C:\Temp\hierView\_v3
2. Edit file “09-Portlets.xml” with the Text Editor of your choice
3. Run a “Search and Replace” operation Searching for the text in “B” and Replacing all occurrences with the text in “C” from the table above
4. Save the File and continue the Installation

## Package Installation

1. Make sure you have followed the steps in “Pre-Installation Steps”
2. Open Windows Explorer and Navigate to C:\Temp\hierView\_v3
3. Right-Click the file “hierView\_v3Install.bat” and select “Edit” from the Drop Down Menu
4. Locate the line where the XOG\_HOME variable is set and replace the path to reflect your XOG installation path
5. Locate the line where the SERVERNAME variable is set and replace the value with your server name or IP address
6. Locate the line where the PORTNUMBER variable is set and replace it with the appropriate value (normally, it’s 80)
7. Locate the line where the USERNAME variable is set and replace it with the username you will use (default is the ‘xog’ user)
8. Locate the line where the PASSWORD variable is set and replace it with the password for that user (default is ‘gox’)
9. Locate the line where the JAVA\_HOME variable is set and replace it with the correct JAVA\_HOME path
10. Save this file
11. Run the file by double-clicking it.
12. Navigate to C:\Temp\hierView\_v3\output
13. Check all the output files for errors.
14. You shouldn’t see any errors. If you do, try to verify the reason and correct it. It’s ok to run it again after you correct something. If you don’t find the problem, drop me a note and I’ll try to help you out.
15. Security warnings for Pages and Portlets are normal – they will be corrected when the Groups are loaded. Security warnings for Groups are also normal – they will be corrected when Seed Data is loaded.

# Technical Summary

## Object Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Object** | **ID** | **Master – Subobject** | **Description** | **Additional information** |
| Hierarchical Views | hiev\_views | Master Object | This object is used to hold the information necessary to configure a new type of hierarchical view, without the need of customizing the html file containing the javascript code. |  |

## Pages

|  |  |  |  |
| --- | --- | --- | --- |
| **Page** | **ID** | **Custom TABs** | **Description** |
| [Hierarchical](http://claritylatam50/niku/nu#action:npt.getPage&pageId=odf.strat_bsc_perspFrame&id=5009062&obsType=Page&principal_type=SYSTEM&principal_id=0) Views Default Layout | odf.hiev\_viewsFrame | Heat Map Options  Org Chart Options  Word Tree Options  Sankey Diagram Options | These are Properties TABs. |
| PMO-Project Status | dashboardProjectStatusFrame | WBS View  gwbs\_hiev\_wbs | A new TAB For the PMO-Project Status layout containing the new Hierarchical Portlets |

## Queries

|  |  |
| --- | --- |
| **Queries** | **Description** |
| Hierarchical Views  hiev\_list\_wsdl | Query used by the hierView.html script to load the Hierarchical View Options. |
| Graphical WBS  gwbs\_hiev | Query associated to the hiev\_gwbs\_hm hierarchical view |
| Graphical WBS Phases  gwbs\_hiev\_phases | Query associated to the hiev\_gwbs\_org hierarchical view |

## Portlets

|  |  |
| --- | --- |
| **Portlets** | **Description** |
| WBS Visualization (Heat Map)  gwbs\_hiev\_hm | HTML Portlet with an implementation of Google Charts “Tree Map” showing the WBS |
| WBS Visualization (Hierarchical)  gwbs\_hiev\_org | HTML Portlet with an implementation of Google Charts “Org Chart” showing the WBS |

## Seed Data

|  |  |
| --- | --- |
| **Hierarchical Views** | **Description** |
| WBS Heat Map  hiev\_gwbs\_hm | This Custom Object Instance holds the specific Tree Map options for the gwbs\_hiev\_hm Portlet |
| WBS Hierarchy  hiev\_gwbs\_org | This Custom Object Instance holds the specific Org Chart options for the gwbs\_hiev\_org Portlet |