Install forward-modelling-portlet for the first time

- Create a page (call it *Forward Modelling* f.e.)

- Create a subpage called '*File Manager*'.

    Add '*Document And Media*' portlet
    Configure this portlet so the root folder is '*Forward Modelling*' (we can create this folder manually or it will be created automaticaly after uploading the first file via Forward Modelling portlet).   Configuration -> Setup -> Root folder.

    The final directory structure for the files will be: Forward Modelling/*UserScreenName*/*KindOfFile*
    Where *KindOfFile* can be: "Events"; "Stations (XML)"; "Stations (Points)"; "Solvers";

- Change permissions for the role Verce User so he can access to the files and directories in Content Document and Media.

- Deploy the portlet

- Add the portlet to the page

    Add -> More... -> VERCE -> forward-modelling

    Hide the borders of the portlet (Look and Feel -> Show borders)

- Restart the server

- Connect to guse, go to http://serverurl/infromation, (see *Install SCI-BUS in a new server* if doubts)

- Register the portet

    1. Settings ->Internal Services -> New

    Values of the text fields:

    Type of Component: portal

    Service group: gUSE

    URL of Component: http://serverurl/forward-modelling-portlet

    URL to initialize Component: http://serverurl/forward-modelling-portlet /init

    Public URL of Component: http://serverurl/forward-modelling-portlet

    State: active

    2. Select Copy Component Properties tab.

    Set http://localhost:8080/wspgrade as Component from

    and http://serverurl/forward-modelling-portlet as Component to one.

- Create a workflow and export it

    Workflow -> Graph -> Graph Editor

    Workflow -> Create Concrete

    Workflow -> Concrete -> Configure

        Type: chose the resource

        Add Executable

        Add input files (even if they are dummy files)

        Save and upload

    Workflow -> Concrete -> Export -> Local

- Import the workflow to ASM

    In the forward-modelling-portlet go to Configuration -> Setup

Find in the left list your workflow, fill the input boxes for *Import information* (owner id, item id and workflow name) and press Save.

When you see the correct info in the right part (above the import button) press Import.

Your imported workflow should appear now in the top-right list (ASM Workflows). Normally the name is the one you have introduced for the workflow name + the date of the import.

Introduce this information in the text input *ASM Workflow Name* (under *Submit information*)

And *Job Name* is normally Job0

Press Save again and the portlet is ready to be used

- Check if the workflow is running (just while it is running)

Information -> WFI monitor

Redeploying forward-modelling-portlet

- Deploy the portlet

- Restart the server

- Connect to guse, go to http://serverurl/infromation, (see *Install SCI-BUS in a new server* if doubts)

- Delete and add the portlet to the page and reconfigure the portlet (only needed if the JS has changed)

Delete the portlet

Add -> More... -> VERCE -> forward-modelling

Hide the borders of the portlet (Look and Feel -> Show borders)

Add information for workflow submission, go to Configuration -> Setup, fill in the *Submit information* fields and press Save button (this information is stored in the portlet instance preferences so it is deleted every time you remove the portlet from the page).