

Problem

How can I switch from one ACS release to another?

Solution

You can switch the ACS release by using the *acsChangeEnv* script. Here is an example on how to change the version from ACS 2.1 to ACS-3.0:

```
> acsChangeEnv ALMASW_RELEASE=ACS-3.0
```

The script will open a new *xterm* with the new environment already changed and ready to be used. On the other side, the environment from which *acsChangeEnv* was launched will not change until the next log out - log in.

As described above, when you install a new official version of ACS, the installation procedure allows you to keep in parallel also an already installed previous release

This can be useful in a transition phase, while porting from the older to the newest version.

The simplest way to switch between different versions of ACS is to load the appropriate

- **.acs/.bash_profile.acs** file

This is normally done at login time from the user's **\$HOME/.bash_profile**

Here some notes:

- The standard **.bash_profile.acs** file for each release can be found in **\$ACSROOT/config/.acs/.bash_profile.acs**
- The **.bash_profile.acs** is generally backward compatible for patches of the same release (major and minor number), but no backward compatibility is warranted across releases, therefore:
 - Always use for each releases the latest profile file.
- You can put multiple profile files in the **.acs** directory and select between them from the main **\$HOME/.bash_profile**. For example you can use a switch like the following:

```
if [ "$myHOST" = "te22" -o "$myHOST" = "tel" ]
then
    echo "Sourcing ACS 4.1 .acs/.bash_profile.acs"
    source $HOME/.acs/.bash_profile.acs.4.1
elif [ "$myHOST" = "teXX-some3.1" ]
then
    echo "Sourcing ACS 3.1 .acs/.bash_profile.acs"
    source $HOME/.acs/.bash_profile.acs.3.1
elif [ "$myHOST" = "te98" ]
then
    echo "Sourcing ACS 4.0 .acs/.bash_profile.acs.te98"
    source $HOME/.acs/.bash_profile.acs.te98
else
    echo "Sourcing default .acs/.bash_profile.acs (4.0)"
    source $HOME/.acs/.bash_profile.acs
fi
```

- You can change the patch version of ACS installation used by a profile by setting the environment variables:
 - **ACSROOT**
 - **ACSDATA**
- Look at the documentation on top of **\$ACSROOT/config/.acs/.bash_profile.acs** for more details and beware of the usage of the **-r** command line option described there.

Related articles

- [How can more people do development with ACS on the same machine without disturbing each other?](#)
- [Which ports are used by ACS?](#)
- [Problems connecting to ACS servers on a remote machine: bad /etc/hosts](#)
- [Why does the getComponent method of ZLegacy/ACS.ContainerServices return an object of type None?](#)
- [Why are some of my print statements not showing up in the container output section of acscommandcenter?](#)