Problem

After having sourced the .acs/.bash_profile.acs environment setting script, I get a weird behavior

Solution

Based on the feedback of a number of users, we have added to *.acs/.bash_profile.acs* a *MODPATH* variable to control if ../bin, ../lib, ../etc have to be added to the corresponding paths' environment variables.

The reason for adding ../lib, ../bin and other ../ values to the corresponding environment variables is to allow easy testing of code under development in a module without having to intall it with the *"make install"* command. In this way, one can simply work in the *test* or *src* directory of a module, compile and start applications, clients, and containers that will now automatically use what has just been built.

On the other hand, these relative paths can give some troubles depending on the current working directory and on the specific configuration of the machine you are working on: unexpected shared libraries and executables can be used instead of the standard ones. Also, there could be security issues.

By default *.bash_profile.acs* assumes that the value is 0 and the paths should not be added. This default has been selected based on requests from a number of developers.

To switch on this behavior

add the following line:
export MODPATH=1

in your ***$HOME/.bash_profile*** **BEFORE** sourcing the standard ***$HOME/.acs/.bash_profile.acs***

To switch off this behavior

Simply unset *MODPATH* in your ***$HOME/.bash_profile*** **BEFORE** sourcing the standard ***$HOME/.acs/.bash_profile.acs***

Related articles

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- 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?