Problem

I am trying to use with ACS 6.0 an RTOS installation done with 5.0. I have errors

Solution

The RTOS installation procedure for ACS 5.x was leaving the original build path, containing the path `/alma/ACS-5.0` in some files of the installation.

When installing `ACS 6.0` and removing the `/alma/ACS-5.0` directory structure these references remain dangling.

You have the following **workarounds** :

- Do not remove the `/alma/ACS-5.0` directory structure
- Create just a link for `/alma/ACS-5.0` into `/alma/ACS-6.0`

ACS 6.0 has been fixed and this problem does not occurr any more with newer builds of RTOS.

You can fix an ACS 5.0 installation in the following way:

- Checkout fom CVS head the utility `ACS/ExtProd/RTOS/postRTOSinstall`
- **Before removing ACS 5.x and reconfiguring the environment** ,
  just run `ACS/ExtProd/RTOS/postRTOSinstall` as `root`!
- **If you have already removed ACS 5.x and reconfigured the environment for ACS 6.0** run the following commands:

  ```
  > cd /alma
  > ln -s ACS-6.0 ACS-5.0
  > ACS/ExtProd/RTOS/postRTOSinstall -cleanup /alma/ACS-5.0
  > rm ACS-5.0
  ```


After that fix you can have problem like:

```
 1 - ./switches: error while loading shared libraries: liblxrt.so.1: cannot open shared object file: No such
file or directory.
```

This problem can be solved in several ways:

- added path (line) **/usr/realtime/lib** in **/etc/ld.so.conf**. And run **ldconfig** afterwards. To check if it works run: */sbin/ldconfig -p | grep lxrt*
- using tools that change RPATH from: /alma./ACS-5.0/lib to /usr/realtime/lib. The sources for such a tool can be found here

Thee is also JIRA Ticke about the problem: COMP-971

-- BogdanJeram - 10 Aug 2007

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?