

CES

Chair for Embedded Systems

Prof. Dr. J. Henkel



Fakultät für Informatik

Installation Guide

Setting up ASIPmeister on CDNC infrastructure

ASIP Meister 2.3.4

ASIP Solutions, October 2011

By Sajjad Hussain

This work uses ASIP Meister developed by PEAS Project, Osaka University.

11/2/2023

Table of contents

1	Setting up ASIPmeister	3
1.1	Mr. Martin Copied these to under i83pc57 and i83asip.....	3
1.2	Problem.....	3
1.3	Copying different directories and scripts from i80 to i83.....	3

1 Setting up ASIPmeister

Previously ASIPmeister are setup on i80pc57 and corresponding license on i80asip virtual machines. As they required old CentOS and JRE version.

1.1 Mr. Martin Copied these to under i83pc57 and i83asip

1. i83pc57

1.1. root@i80pc57 password 5%qwe5asd

1.2. *There were never local accounts - only domain login. And now, with the root password, I could change the client login configuration. Now it works. -Martin*

1.3. Setup these environmental variables or inset them in .bachrc.user

```
export ASIPS_LICENSE=29000@i83asip.itec.kit.edu
export PATH=/AM/ASIPmeister/bin:$PATH
export ASIP_APDEV_SRCROOT=/home/ces-asip00/epp/AM_tools
export PATH=/usr/java/jre1.6.0_45/bin:$PATH
export ASIPmeister_Home=/AM/ASIPmeister
export ASIPmeister_HOME=/AM/ASIPmeister
source /home/adm/modelsim_66d.setup
source /home/adm/xilinx_13.2_32bit.setup
```

2. i83asip

2.1. *And as I can see, i80/83asip was never configured for domain login. Only login with local accounts. -Martin*

1.2 Problem

2.2. I was not able to login to these PC using i83lappcXX.

2.3. *Now it is possible, that the ces-asip* accounts can connect to i83pc57 from the labpcs. But this is an ugly hack only, which only work until the next version of the ssl libs do not support the old -and unsecure- encrytion methods anymore... -Martin*

1.3 Copying different directories and scripts from i80 to i83

2.4. i80

```
sajjad@i80pc128:~$ ls /home/asip
asip00/  asip-sajjad04/
sajjad@i80pc128:~$ ls /home/asip
asip00/  asip-sajjad04/
sajjad@i80pc128:~$ ls /home/asip00/
BACKUP/  .eclipse/  .lessht  .ssh/
.bash_history  .emacs  .local/  .subversion/
.bash_logout  .emacs.d/  .mc/  .viminfo
.bash_profile  .emacs.rpmnew  .mcp/  .viminfo.tmp
.bashrc  epp/  .mcp/  .wapi/
```

```

.bashrc.user    .fontconfig/    .modelsim      .WindU
bin/            .gconf/            .ooo-2.0-pre/   .xauthoqG2oC
.cache/         .gconfd/          .qt/           .Xauthority
COMMON_LARS/    .gnome2/          .recently-used  .xdg_menu_cache/
.dbus/          .gnome2_private/   .redhat/        .Xilinx/
Desktop/        .gtk_qt_engine_rc  researchdata     .xsession-errors
.dmrc           .gtkrc            Sessions/        .zshrc
Documents/      .kde/             .skel/
sajjad@i80pc128:~$ ls /home/asip00/epp/
AM_tools/       mkimg/            workdb/
dlxsimbr/       stdLib/
dlxsimbr_Laboratory/ TEMPLATE_PROJECT/
sajjad@i80pc128:~$ scp -r /home/asip00/Documents ces-asip00@i83labpc10.itec.kit.edu:/home/ces-asip00/
sajjad@i80pc128:~$ scp -r /home/asip00/Sessions ces-asip00@i83labpc10.itec.kit.edu:/home/ces-asip00/
sajjad@i80pc128:~$ scp -r /home/asip00/epp ces-asip00@i83labpc10.itec.kit.edu:/home/ces-asip00/

```

2.5. i83

```

ces-asip00@i83labpc10:~$ ls /home/ces-asip00/Documents
AM_tutorial_en.pdf AM_usersmanual_en.pdf BrownieSTD32_Spec_en.pdf datasheets GCC microOpe_0.5.pdf RE-ADME_en.txt
ces-asip00@i83labpc10:~$ ls /home/ces-asip00/Sessions/
Session0 Session1 Session2 Session3 Session4 Session5 Session6 Session7 Session8
ces-asip00@i83labpc10:~$ ls /home/ces-asip00/epp/
AM_tools dlxsimbr dlxsimbr_Laboratory mkimg stdLib TEMPLATE_PROJECT workdb
ces-asip00@i83labpc10:~$

```