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Second CREAM testsuites (regression and functionality) trial

Testsuites installation

Installation (cream-wn-035 as UI)

The installation is needed only client-side. It must be done on an emi-ui.

Be careful to maintain the installation order below because functionality testsuite installs all dependencies needed also by regression testsuite.

- Robot framework installation

```
wget http://robotframework.googlecode.com/files/robotframework-2.7a1.tar.gz
tar -xvf robotframework-2.7a1.tar.gz
cd robotframework-2.7a1
python setup.py install
```

- Functionality testsuite installation

Instructions

```
wget http://yum.gridctb.uoa.gr/repository/robot_testing.repo -O /etc/yum.repos.d/robot_testing.repo
yum groupinstall cream_testing_group
yum install cream_test
```

- Regression testsuite installation

Get here: the file `cream_regression_testing.tar` containing the cream regression testsuite.

```
cd <where you want>
cp cream_regression_testing.tar <where you want>
tar -xvf cream_regression_testing.tar
```

Configuration (cream-wn-035 as UI)

- Regression testsuite configuration

```
vi/gedit cream_regression_testing/regression_env.sh and customize CREAM_TESTSUITE_HOME
source cream_regression_testing/regression_env.sh
vi/gedit ${CREAM_TESTSUITE_HOME}/cream_regression_testing/lib/conf/cream_testsuite_conf.ini and c
```

- Functionality testsuite configuration. To configure the testsuite you have two options:
 - ◆ Customize the file `/opt/cream_test/lib/vars.py`
 - ◆ Customize the file `${CREAM_TESTSUITE_HOME}/cream_regression_testing/lib/conf/cream_testsuite_conf.ini` after regression testsuite installation (see next point) and

```
cp ${CREAM_TESTSUITE_HOME}/cream_regression_testing/lib/conf/cream_testsuite_conf.p
```

Regression testsuite run:

At this point the regression testsuite can be run in the same shell where the environment is set.

```
cd $CREAM_TESTSUITE_HOME
pybot tests
```

Functionality testsuite run:

If you used the second configuration option for functionality testsuite, you must run it on a shell where the environment is set sourcing `cream_regression_testing/regression_env.sh`

```
pybot /opt/cream_test/testsuite/cream_test_suite.html
```

Notes

- The regression testsuite suffer a lack in packaging. Must be improved
 - There is a bit of confusion on testsuites configuration
 - Too often same error in testsuites run leaves the cream ce in unpredictable status. Need big improve
-

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