Core testing infrastructure - Bug #5642
(Jenkins) Collect artifacts on master build failures
08/09/2022 01:02 PM - daniel

**Description**

Today we had an issue where a master-libosmocore job failed with a segfault:

https://jenkins.osmocom.org/jenkins/view/master/job/master-libosmocore/2898/a2=default,a3=default,a4=default,arch=amd64,label=osmocom-master-debian9/consoleFull

ERROR: files left in build directory after distclean:

./tests/core
make[1]: Leaving directory '/build/libosmocore-1.7.0.26-862dd/_build/sub'
make[1]: *** [Makefile:1010: distcleancheck] Error 1
make: *** [Makefile:941: distcheck] Error 1

It would be nice to archive some artifacts in case of build failures. Especially core files that may exist, but probably also the (auto)test logs.

**Related issues:**

Related to Core testing infrastructure - Bug #5665: ERROR: files left in build directory after distclean...
New 08/28/2022

**Revision 71baf74 - 08/17/2022 08:10 AM - osmith**

jobs/master-builds: archive core, testsuite.log

In case one of the master-builts is segfaulting or has an error in the testsuite, collect the relevant files and store them as artifacts.

It was asked in the related issue to do this only on error, however while there's an option to archive only artifacts when a build is successful, there is not an option to do it only on failure. So just do it always, the testsuite.log file is typically just a few kb in size.

Closes: OS#5642
Change-Id: I91d4b995b16c8e028a5dff19b0e0f09x01d8c8c6

**History**

#1 - 08/10/2022 08:18 PM - fixeria

For the record, today I saw another job master-osmo-msc also failed with a segfault:

https://jenkins.osmocom.org/jenkins/view/master/job/master-osmo-msc/31982/
https://jenkins.osmocom.org/jenkins/view/master/job/master-osmo-msc/31982/IU=--disable-iu,WITH_MANUALS=1.a3=default.a4=default.label=osmocom-master-debian9/console

make[2]: Leaving directory '/build/osmo-msc-1.9.0.16-62977/_build/sub/tests'
make[2]: Entering directory '/build/osmo-msc-1.9.0.16-62977/_build/sub'
rm -rf .libs _libs
rm -f *.lo
test -z "" || rm -f
rm -f confih.stamp-h1
test . = ""/"" || test -z "" || rm -f
rm -f libtool config.lt
rm -f TAGS ID GTAGS GRTAGS GSYM SPATH tags
rm -f cscope.out cscope.in.out cscope.po.out cscope.files
make[2]: Leaving directory '/build/osmo-msc-1.9.0.16-62977/_build/sub'
rm -f config.status config.cache config.log configure.lineno config.status.lineno

09/18/2022
rm -f Makefile
ERROR: files left in build directory after distclean:
./core
make[1]: *** [Makefile:756: distcleancheck] Error 1
make[1]: Leaving directory '/build/osmo-msc-1.9.0.16-62977/_build/sub'
make: *** [Makefile:687: distcheck] Error 1
+ cat-testlogs.sh
Build step 'Execute shell' marked build as failure

#2 - 08/10/2022 08:23 PM - fixeria
Similarly, master-osmo-bsc failed with a segfault on Aug 6th:
https://jenkins.osmocom.org/jenkins/view/master/job/master-osmo-bsc/18754/
https://jenkins.osmocom.org/jenkins/view/master/job/master-osmo-bsc/18754/a1=default,a2=default,a3=default,a4=default,label=osmocom-master-develop/job/master-osmo-bsc/18754/console

#3 - 08/16/2022 01:50 PM - osmith
- Status changed from New to In Progress
- % Done changed from 0 to 90
https://gerrit.osmocom.org/c/osmo-ci+/29094

#4 - 08/17/2022 08:13 AM - osmith
- Status changed from In Progress to Resolved
- % Done changed from 90 to 100
Applied in changeset osmo-ci|71bafe74d350ae17d119bc6db9e0d3575f4a64a0.

#5 - 08/28/2022 09:21 AM - fixeria
- Related to Bug #5665: ERROR: files left in build directory after distclean: ./tests/core added