The host runs the buildsave. If there are new changes in the source, the update build step triggers an SVN checkout in the llvm.src directory. After that the configure and compile build steps perform a clean build in the llvm.obj directory. Those two directories are mirrored in the Foundation Model’s environment via NFS. The testing build step works as follows: the host redirects the make check call to the Foundation Model via ssh. The test results come back using the same ssh connection.

**Useful links**

LLVM AArch64 buildbot: [http://lab.llvm.org:8011/builders/llvm-aarch64-linux](http://lab.llvm.org:8011/builders/llvm-aarch64-linux)
Linaro AArch64 resources: [http://www.linaro.org/projects/armv8](http://www.linaro.org/projects/armv8)
Technical details: [http://community.arm.com/groups/processors/blog/2013/10/03/the-llvm-aarch64-backend](http://community.arm.com/groups/processors/blog/2013/10/03/the-llvm-aarch64-backend)