

Item 306

git_comments:

git_commits:

1. **summary:** Design document: The C++ Abstraction Layer
message: Design document: The C++ Abstraction Layer Jira: MADLIB-696 A first revision of documenting the C++ abstraction layer. Several classes still need a more detailed explanation. Other changes: - Linear-algebra module now included in user documentation
label: documentation

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** MADlib builds fail when compiling against FAT binary postgres installations
description: Using a binary postgres installation that was a FAT application trying to compile madlib will fail with the following error. {noformat} -- The C compiler identification is GNU -- The CXX compiler identification is GNU -- Checking whether C compiler has -sysroot -- Checking whether C compiler has -sysroot - yes -- Checking whether C compiler supports OSX deployment target flag -- Checking whether C compiler supports OSX deployment target flag - yes -- Check for working C compiler: /releng/gcc-4.4.2/bin/gcc -- Check for working C compiler: /releng/gcc-4.4.2/bin/gcc -- works -- Detecting C compiler ABI info -- Detecting C compiler ABI info - done -- Checking whether CXX compiler has -sysroot -- Checking whether CXX compiler has -sysroot - yes -- Checking whether CXX compiler supports OSX deployment target flag -- Checking whether CXX compiler supports OSX deployment target flag - yes -- Check for working CXX compiler: /releng/gcc-4.4.2/bin/g++ -- Check for working CXX compiler: /releng/gcc-4.4.2/bin/g++ -- works -- Detecting CXX compiler ABI info -- Detecting CXX compiler ABI info - done -- Boost version: 1.48.0 CMake Error at cmake/Utils.cmake:93 (message): Unique word length requested, but /usr/local/postgres/8.4/bin/postgres is fat binary (ppc, i386). Call Stack (most recent call first): src/ports/postgres/cmake/FindPostgreSQL.cmake:171 (architecture) src/ports/postgres/cmake/PostgreSQLUtils.cmake:66 (find_package) src/ports/postgres/CMakeLists.txt:346 (determine_target_versions) {noformat} Workaround: Strip the unnecessary architecture from the installation: {noformat} ditto --rsrc --arch i386 /usr/local/postgres/8.4/bin/postgres /usr/local/postgres/8.4/bin/postgres-new {noformat}

jira_issues_comments:

1. Assigning this as seg-3 since a workaround is available.