**USEFUL GMT BASH BUILD ALIASES**

Simplifies building and testing GMT for debug compiler settings (**dbuild** directory), a release build (**rbuild** directory) and for XCode debugging (**xbuild** directory). For example, to git pull the latest master, configure with cmake and build with debug settings, just type “**btd**”, or “**btx**” for Xcode setup. To run all tests with the release build, type “**ctr**”. To find all the files where “pattern” occurs, type **gmtfind** “a pattern”. To open the latest test log, type **dlog**. To open all the failed test PNGs for build, type “**vgd**”.

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| **Alias [, short]** | **Purpose** |
| **cmakegmtd** | **Configure cmake for debug** |
| **cmakegmtr** | **Configure cmake for release** |
| **cmakegmtx** | **Configure cmake for Xcode debug** |
| **buildd, bd** | **Updates and dbuilds existing master** |
| **buildr, br** | **Updates and rbuilds existing master** |
| **buildnewd, bnd** | **Create new build directory (debug)** |
| **buildnewr, bnr** | **Create new build directory (release)** |
| **buildnewx, bnx** | **Create new build directory (Xcode)** |
| **checkdbuild, ctd** | **Run the tests for dbuild** |
| **checkrbuild, ctr** | **Run the tests for rbuild** |
| **unique** | **Greps output of find for unique files** |
| **gmtfind** | **Returns GMT files containing argument** |
| **vpngdbuild, vgd** | **View PNGs after dbuild check** |
| **vpdfdbuild, vpd** | **View PDFs after dbuild check** |
| **vpngrbuild, vgr** | **View PNGs after rbuild check** |
| **vpdfrbuild, vpr** | **View PDFs after rbuild check** |
| **dlog** | **Open the dbuild check error log** |
| **rlog** | **Open the rbuild check error log** |