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| Description | | | | | |
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| 64 bits compilation: | | | | | |
| - Verify that the dependancy libraries are compiled with the 64 bits platform (configuration x64-Debug and x64-Release) | | | | | |
| - Fix 64 bits compilation errors (Debug and Release) | | | | | |
| - Verify the project still compile with the 32 bits platform | | | | | |
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| PVS Studio (https://www.viva64.com/en/pvs-studio/) : | | | | | |
| - Scan the project with options: High, Medium, 64 Bits | | | | | |
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| - Fix the 64 bits High (do not ignore) | | | | | |
| - Do a small check of the 64 bits Medium (not mandatory to fix them all) | | | | | |
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| Unit tests if any | | | | | |
| - Build and run the tests (32 and 64 bits in release and debug) | | | | | |
| - Fix errors | | | | | |
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| Final validation: | | | | | |
| - Compile in debug and release 32 bits | | | | | |
| - Compile in debug and release 64 bits | | | | | |
| - Scan with PVS Studio for a last check | | | | | |
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| Code Review: | | | | | |
| - Pull request | | | | | |
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| Release and tests | | | | | |
| - Ask an architect for the regression tests according to the modified libraries | | | | | |
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