# Checklist for VECTO Release V 3.3.3.1639

### Preparing Release

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| --- | --- |
| **Prepare VECTO Release** |  |
| Update Project Version: VectoCore/VersionNumber.t4; HashingTool Version.tt |  |
| Update License Header in Source Files |  |
| **Documentation updated** |  |
| Check for dead internal links in User Manual |  |
| New resp. changed features/models (Tickets, Commit-Messages) |  |
| New/removed input fields |  |
| Input Files (samples) |  |
| Parameter Documentation (XSD -> HTML) |  |
| **Update Changelog** |  |
| Version Number (HTML, PPT) |  |
| Date in Changelog (HTML, PPT) |  |
| Changelog in User Manual (HTML) |  |
| Changelog in Release Notes (PPT) |  |
| **Unit Tests** |  |
| VECTO Core Tests: 1755 / 1755 successful Names of not successful Tests: -- |  |
| VECTO Hashing Tests: 86 / 86 successful Names of not successful Tests: -- |  |
| VECTO UserBugs Tests:  77 / 77 successful Names of not successful Tests: -- |  |
| VECTO Auxiliaries Tests: 340 / 340 successful Names of not successful Tests: -- |  |
| Tests Notifications Article 10(2): 110 / 110 successful Ticket numbers of not successful Tests: -- |  |
| **Create Vecto Release** |  |
| Compile VECTO RELEASE: Build Script with DEPLOY Configuration |  |
| Build Type: Official Release |  |
| Compile User Manual |  |
| Create ZIP Archive |  |
| Extract ZIP Archive and run VECTO, quick check GUI, Release Notes, Help, Changelog |  |
| Check correct build type (GUI, Reports) |  |
| **Generic Vehicles simulate successful** |  |
| Open Declaration Job File: Class 2 |  |
| Save Declaration Vehicle, Engine, Gearbox, Job |  |
| Check Declaration Files didn’t change except Date |  |
| Declaration Mode: Class 2, exec. Time: 23, LH, Ref Load, FC final l/100km: 30.5968 |  |
| Declaration Mode: Class 5, exec. Time: 35, LH, Ref Load, FC final l/100km: 34.7437 |  |
| Open Engineering Job File: Class 2 |  |
| Save Engineering Vehicle, Engine, Gearbox, Job |  |
| Check Engineering Files didn’t change except Date |  |
| Engineering Mode: Class 2, exec. Time: 2, RD FC final l/100km: 20.7623 |  |
| Engineering Mode: Class 5, exec. Time: 4, LH FC final l/100km: 36.9241 |  |
| Engineering Mode: Class 9 + PTO, exec. Time: 0, FC final l/100km: 289.8551 |  |
| Engineering Mode: CityBus AT-S, exec. Time: 2, UD FC final l/100km: 21.13 |  |
| Engineering Mode: CityBus AT-P, exec. Time: 3, UD FC final l/100km: 21.6543 |  |
| Engineering Mode: InterurbanBus AAUX, exec. Time: 76, FC final l/100km: 42.2769 |  |
| Engineering Mode: Engine Only, exec. Time: 0, FC final g/h: 3441.5116 |  |
| VectoCMD: Declaration Class 2 works |  |
| Run XML jobs for all classes (Release Comparison Jobs) |  |
| Update Excel File with Release Comparison Jobs, generate comparison table |  |
| **VECTO Hashing Tool** |  |
| Hash Component File |  |
| Verify Hashed Component File |  |
| Verify VECTO Job File (sample XML file) |  |
| Verify VECTO Job, MRF, CIF (sample XML file) |  |
| **VECTO DEA Compatibility** |  |
| Check that latest release of VECTO DEA works with VECTO Release (Standalone App) |  |
| Incompatible -> new VECTO DEA Version! |  |
| **Maintain GIT Repository** |  |
| Commit changes (updated documentation, version numbering, release report) |  |
| Merge Development branch into Master Branch |  |
| Tag Release / Build with Version Number, push Tag to main repository |  |

### Publish Release

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| --- | --- |
| SHA256 hash of ZIP archive  Algorithm Hash Path  --------- ---- ----  SHA256 E793B093EEFDF874BE73F0BEAFFB14E6D50F1920E8413B1B41E5F3DB56330183 2019\_06\_28-VECTO-3.3.3.1639.zip |  |
| SHA256 hash of VECTO \*.exe and \*.dll files  Algorithm Hash Path  --------- ---- ----  SHA256 B88E895AC6F9B6085326B3D1C47401C1FF687CB92CFD9365F90E2A10FA7F52A8 hashingcmd.exe  SHA256 6D11306EFA6432C83FA615A276FAB801973DA3B5B9842D9CD5D38EE8A27DEC25 HashingTool.exe  SHA256 230723EE6F39A61A1D4A4F2875E6364264A8D026DFBE5E49E8C2F85397EE510D VECTO.exe  SHA256 79194145E482454D0CD2E3E15BBC4679DACE8FE9ECD07C18E01A1790EA7A24C4 vectocmd.exe  SHA256 CABED8B48C4A6A9E074AEFB4C5B68CC38CD9E662ED63A3CD087FF1765F610983 AdvancedAuxiliaryInterfaces.dll  SHA256 3F5D3CB2D491FD4ECA31B6BAAD76D979441FABED93BF7E3C9D9D2EA5F75B3425 BusAuxiliaries.dll  SHA256 1796277A7AA9F2A9835C070D28FED44B3614CA221A2C1AFFC21A4C4E41194C3F Castle.Core.dll  SHA256 DF8EC2E0245829DDEC5B79F1918C3AE3A3FA540A5A0E3C410E2B6EF0BEBC7927 Newtonsoft.Json.dll  SHA256 01CC80A16323F56191596013EEF1DE7E43271D6F991F4740B1FCC5195D8AB5BD Ninject.dll  SHA256 DDF048DDAAA9B5D1D734CCA64E269E21465BD83E35F4FD2585AFB900AEF9FC9B Ninject.Extensions.Factory.dll  SHA256 E196C0B84FA16CA895565C0AB611715F0721425F5E73340EA183FFA049F7D79B NLog.dll  SHA256 9B7EB6DE62FF1E6A812FA47697FDB2ABCEAD85AA2554ABF12416FC569DD4462E Omu.ValueInjecter.dll  SHA256 EE7A94C3C528CCF16AA0C329933C3A2C55D68CF8D8755D3BB5DEFA665DECD411 VectoCommon.dll  SHA256 1E5A28D3B722057E9BCA5167B0B810102547FF845E36C5EA58F2E4C45F1DC22F VectoCore.dll  SHA256 6D7FE5107A4EEF6558FA4E399E8436E491121B27B863FBCA6274112331C7125E VectoHashing.dll |  |
| Upload ZIP File to SVN |  |
| Upload |  |
| Generate source archive and upload source archive to SVN **git archive HEAD –o <filename\_SRC>.zip** |  |
| **Update Confluence WIKI** |  |
| Changelog |  |
| Download Links |  |
| SHA256 hash of ZIP archive |  |
| Comparison table fuel consumption (and maybe other comparisons),   incl. reasons for changes in FC |  |
| Release Report |  |
| Update Confluence Releases Table |  |
| Notify customers |  |
| Copy archive to project release folder |  |

### Released

Date 28.6.2019

Person MQ