# Checklist for VECTO Release V

### 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: 1732 / 1732 successful Names of not successful Tests: |  |
| VECTO Hashing Tests: 83 / 83 successful Names of not successful Tests: |  |
| VECTO UserBugs Tests:  58 / 64 successful Names of not successful Tests: VECTO-787 (3x), VECTO-789, VECTO-815, VECTO-820 |  |
| VECTO Auxiliaries Tests: 340 / 340 successful Names of not successful Tests: |  |
| **Create Vecto Release** |  |
| Compile VECTO RELEASE: Build Script with DEPLOY Configuration |  |
| Build Type: Release Candiate |  |
| 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: 20, LH, Ref Load, FC final l/100km: 30.5873 |  |
| Declaration Mode: Class 5, exec. Time: 41, LH, Ref Load, FC final l/100km: 34.7344 |  |
| 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: 20.764 |  |
| Engineering Mode: Class 5, exec. Time: 4, LH FC final l/100km: 36.8995 |  |
| Engineering Mode: Class 9 + PTO, exec. Time: 0, FC final l/100km: 289.8586 |  |
| Engineering Mode: CityBus AT-S, exec. Time: 3, UD FC final l/100km: 21.2632 |  |
| Engineering Mode: CityBus AT-P, exec. Time: 5, UD FC final l/100km: 21.76 |  |
| Engineering Mode: InterurbanBus AAUX, exec. Time: 76, FC final l/100km: 42.2248 |  |
| Engineering Mode: Engine Only, exec. Time: 0, FC final g/h: 3420.5478 |  |
| 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 D85CFEB7CF9D822F1195A5EEFB010ECBEAB58B5C88D97291BAF58F9E48E6AFC8 E:\VECTO\2019\_01\_03-VECTO-3.3.1.1463.zip |  |
| SHA256 hash of VECTO \*.exe and \*.dll files  Algorithm Hash Path  --------- ---- ----  SHA256 816D1AD25519FDCF8C46A827062BB33B1BA9AA49FCB2214D2DDF83DBC46B539A hashingcmd.exe  SHA256 9E635AEE5B334DF014C6FD702E745DAE7699B28E2CFBFA2D0B81DD52ED89E55E HashingTool.exe  SHA256 9DF3EFFA45FAEF4422B4A16224BB239D9057CD148CEED55B922B45E3FBCB9F21 VECTO.exe  SHA256 6461FF98110D822ABFBBEAB9F942BC90731D7FFE1C7B6DE2B63096A49DCFC09D vectocmd.exe  SHA256 049008CFEB0EC6252DB18563FEFE1434B1CFC2543A0C485B747260E6E11EDB4F AdvancedAuxiliaryInterfaces.dll  SHA256 07133B88983DE3BA747260D8866DA338DB3781689B74D0CE8AD9E5E4815A997B BusAuxiliaries.dll  SHA256 DF8EC2E0245829DDEC5B79F1918C3AE3A3FA540A5A0E3C410E2B6EF0BEBC7927 Newtonsoft.Json.dll  SHA256 A4E7600C2A9CBC0CF12334FD5E313EE47F61F669E3D3FCB098968D33D9FB0521 NLog.dll  SHA256 9B7EB6DE62FF1E6A812FA47697FDB2ABCEAD85AA2554ABF12416FC569DD4462E Omu.ValueInjecter.dll  SHA256 2AD91611049CE4D9841780A081AD78CC574C8441E3B779E83A4418E14BDBB893 VectoCommon.dll  SHA256 3430F095BCB97D0E6DF307BACE80B20110F1753E12E9A7CBFA0A9EB02E75A4FE VectoCore.dll  SHA256 EB1781C077C651824E957EE2B368030129BC6E9143DB8CC70048AC32C604A1EE 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 3.1.2019

Person MQ