# Checklist for VECTO Release V 3.3.2.1548

### 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: 1743 / 1743 successful Names of not successful Tests: -- |  |
| VECTO Hashing Tests: 84 / 84 successful Names of not successful Tests: -- |  |
| VECTO UserBugs Tests:  66 / 66 successful Names of not successful Tests: -- |  |
| VECTO Auxiliaries Tests: 340 / 340 successful Names of not successful Tests: -- |  |
| Tests Notifications Article 10(2): 51 / 51 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: 21, LH, Ref Load, FC final l/100km: 30.5968 |  |
| Declaration Mode: Class 5, exec. Time: 33, 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: 5, LH FC final l/100km: 36.9238 |  |
| Engineering Mode: Class 9 + PTO, exec. Time: 0, FC final l/100km: 289.8586 |  |
| Engineering Mode: CityBus AT-S, exec. Time: 2, UD FC final l/100km: 21.2166 |  |
| Engineering Mode: CityBus AT-P, exec. Time: 3, UD FC final l/100km: 21.7632 |  |
| Engineering Mode: InterurbanBus AAUX, exec. Time: 76, FC final l/100km: 42.2769 |  |
| 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 29E83DC7DDA67AC4E75176D6B892A42141D5200A1E528E8B792190E1D51EB757 2019\_03\_29-VECTO-3.3.2.1548.zip |  |
| SHA256 hash of VECTO \*.exe and \*.dll files  Algorithm Hash Path  --------- ---- ----  SHA256 750029977F7054C1AF25DB0663BF79B83EC33A51F5906CAAB40B85D89CB3C4B0 hashingcmd.exe  SHA256 483B577673E3133E90E3F804C2C511F77B25BC1904326021CF7B73D1B41B91E4 HashingTool.exe  SHA256 0DCB36A8A8C43BD17DCB5C5AFB0E701FD0FC4F7C8A6BC6AD7266B7CF46BA31FF VECTO.exe  SHA256 67C692A866C777EE2EC1B18FF5A4D412DA73C1528F4BCB47DA617B80D31412C2 vectocmd.exe  SHA256 4CB3C9186A752C4FC478352F08F07D05DD6640B1BF2AD4FCF9EF8BCAA8D6ECC1 AdvancedAuxiliaryInterfaces.dll  SHA256 BCF86590E563E769A489CEE3BE573FA85CC9FA2A3CE3CEB5A57EF11288AF0416 BusAuxiliaries.dll  SHA256 DF8EC2E0245829DDEC5B79F1918C3AE3A3FA540A5A0E3C410E2B6EF0BEBC7927 Newtonsoft.Json.dll  SHA256 E196C0B84FA16CA895565C0AB611715F0721425F5E73340EA183FFA049F7D79B NLog.dll  SHA256 9B7EB6DE62FF1E6A812FA47697FDB2ABCEAD85AA2554ABF12416FC569DD4462E Omu.ValueInjecter.dll  SHA256 55617AB727C970E9CF1A9A30E3BE5D0213298754F4265DB3A6BCCDB73DEB5F7D VectoCommon.dll  SHA256 F500708819922D7DF3829F4C265164AF58DE04A45AD5F1BB294EB41E0F8E5E35 VectoCore.dll  SHA256 869978FB6273BBB5429F2DD43B87E5D7B6B51E616289B6BC3B42CCDADC5E4DF7 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 29.3.2019

Person MQ