# Integration Testing Framework Release Notes

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This document contains the *change log* for all Integration Test Framework releases since 0.1.0.

Please refer to the User Guide for a comprehensive overview and detailed instructions how to use the Integration Testing Framework.

# Pre-release 0.12.0

Date of Release: 28. December 2022

#### Scope:

• Fixed #284 - pom.xml in subfolder is not found or not supported

- Fixed #226 itf-assertj dependency is missing in README
- Fixed #210 Removed unused dependency commons-compress.
- Pull request #211 Add @MavenTest annotation to README example
- Fixed #230 Get rid of commons-io
- Fixed #232 Support for custom location and reuse of a Maven project from my resources This is also related to Fixed #286.
- Fixed #260 Test project's file attributes & links get lost when copied to test target/maven-it

Upgraded maven-filtering and maven-artifact-transfer and added explicitly maven-shared-utils to prevent using transitive dependency.

- Fixed #264 The targetBaseDirectory in MavenProjectResult points to wrong location. Added some tests to prevent the issue.
- Fixed #278 Enhance list of Mayen versions
- Fixed #279 Typos / Minor Code cleanups
- Fixed #282 Add missing equals/hashCode for custom assertions.
- Fixed #285 Add some tests.
- Fixed #286 Support a way to avoid the requirement for resources-its directory.
- Fixed #289 @MavenProjectLocation("subdir") Does not work on nested Class
- Fixed #290 @MavenProjectSources is not usable within another annotation.
- Fixed #297 Assign @SystemProperty to class / nested class and inherit on all test methods.
- {issue-??} ?

# **Breaking Changes**

- Fixed #276 Replace File with Path
  - The return type of the methods getTargetProjectDirectory(), getTargetBaseDirectory() and getTargetCacheDirectory() of the class MavenProjectResult has been hanged from File into Path. That means you have to check your code. It will be obviously getting compile errors if you have used one of the above methods in your own code.
  - The method Model readProject(File pomFile) of the class ProjetHelper has been marked deprecated and will be removed with release 0.13.0. This means you have to replace the call of that method with the same which has a parameter Model readProject(Path pomFile).
  - Technically the class ArchiveAssert extended before from AbstractAssert<ArchiveAssert, File> while it now extends AbstractAssert<ArchiveAssert, Path> instead.
- Fixed #281 Lifting Maven minimum version for itf-maven-plugin to Maven 3.2.5+

# Reporter of this release

- Simon Martinelli Fixed #226
  - Reported that itf-assertj dependency is missing in README
- Stephan Schroevers
  - Reported: Add @MavenTest annotation to README example
- Felix Faltin
  - Reported Fixed #284
- Filip Hrisafov
  - Reported Fixed #232
- Jeff W. Thomas
  - Reported Fixed #297

#### Contributors of this release

- Stephan Schroevers with Pull request #211
  - Add @MavenTest annotation to README example
- Filip Hrisafov
  - Contributed the foundational ideas for Fixed #232 and Fixed #286

# **Security Issues**

- Fixed #301 Upgrade TestNG 7.6.1 based on security issue CVE-2022-4065
  - Upgraded to TestNG 7.7.0 which includes the security fix.
  - The upgrade is done in all test cases to increase the security during the build of the mavenit-extension itself.

#### **Dependency Upgrades**

- Fixed #184 Upgrade to JUnit Jupiter 5.8.0
- Fixed #212 Upgrade smpp parent to 5.3.4
- Fixed #214 Upgrade mockito-core to 3.12.4
- Fixed #216 Upgrade smpp parent to 5.3.5
- Fixed #217 Upgrade meltwater/drone-cache to version 1.2.1
- Fixed #218 Upgrade to JUnit Jupiter 5.8.1
- Fixed #219 Upgrade mockito-core to 4.0.0
- Fixed #221 Upgrade Byte Buddy to 1.11.21
- Fixed #223 Upgrade assertj-core 3.21.0
- Fixed #224 Upgrade meltwater/drone-cache to version 1.2.2
- Fixed #225 Upgrade to Maven 3.8.3
- Fixed #228 Upgrade to JUnit Jupiter 5.8.2
- Fixed #229 Upgrade mockito-core to 4.2.0
- Fixed #249 Upgrade dependencies in IT's
- Fixed #256 Upgrade dependencies in IT's Part II
- Fixed #257 Upgrade dependencies in IT's Part III
- Fixed #261 Upgrade mockito-core to 4.4.0
- Fixed #267 Remove unused dependencies.
- Fixed #268 Upgrade smpp parent 5.3.9
- Fixed #265 Upgrade JUnit Jupiter 5.9.0
- Fixed #274 Upgrade smpp parent 5.3.10
- Fixed #275 Upgrade mockito 4.6.1

- Fixed #287 Upgrade JUnit Jupiter 5.9.1
- Fixed #300 Upgrade mockito 4.9.0
- Fixed #302 Upgrade assertj-core 3.23.1
- Fixed #304 Upgrade mockito-bom 4.10.0
- Fixed #312 Upgrade smpp parent 5.3.12
- {issue-???} ??

#### **Build Improvements**

- Fixed #215 Lift build to JDK17.
- Fixed #222 Use Maven Compiler Release only.
- Fixed #227 Upgrade to Maven 3.8.4
- Fixed #238 Upgrade smpp to 5.3.7
- Fixed #258 Upgrade smpp to 5.3.8
- Fixed #263 Upgrade maven-surefire/failsafe-plugin to 3.0.0-M6.
- Fixed #280 Upgrade Maven to 3.8.6
- Fixed #283 Build on JDK18+
- Fixed #294 Upgrade drone-cache to 1.4.0
- Fixed #295 Upgrade to eclipse-temurin-19-alpine
- Fixed #296 Fixing vulnerable dependencies used in IT's examples
- Fixed #303 Use mockito-bom instead property
- Fixed #306 Execute integration tests not during release process
- Fixed #307 Change to GitHub Actions.

The full release notes can be found here Release 0.12.0.

# Pre-release 0.11.0

Date of Release: July 24, 2021

#### Scope:

- Bug Fix Release Fixed #204, Fixed #206.
- Refactoring/Code cleanups
  - Fixed #200 Example in user guide does not work.

- Fixed #202 Bug during generation of usersguide.adoc.
- Fixed #204 Goal itf-maven-plugin:resources-its did not replace placeholder.

• Fixed #206 - Annotation @MavenRepository used wrong directory.

### **Breaking Changes**

- Fixed #152 Remove deprecated marked code.
  - MavenProjectResult
    - Method getBaseDir() has been removed.
  - MavenExecutionResult
    - Method isSuccesful() has been removed
    - ExecutionResult
      - Error has been removed. Based on that we have to remove MavenExecutionResult.isError() as well.

# Reporter of this release

- Roland Weisleder
  - Fixed #204 Goal itf-maven-plugin:resources-its did not replace placeholder.
  - Fixed #206 Annotation @MavenRepository used wrong directory.

#### Contributors of this release

- · Roland Weisleder
  - $\circ~$  Fixed #204 Goal itf-maven-plugin:resources-its did not replace placeholder.
  - Fixed #206 Annotation @MavenRepository used wrong directory.

### **Dependency Upgrades**

• Fixed #208 - Updated asserj-core to 3.20.2

The full release notes can be found here Release 0.11.0.

# Pre-release 0.10.0

Date of Release: May 16, 2021

#### Scope:

- Refactoring/Code cleanups
  - $\circ~$  Fixed #140 Remove deprecated marked annotation elements and code
  - Fixed #142 Reduce visibility of classes
  - Fixed #143 Deprecate ExecutionResult.Error
  - Fixed #145 Remove not used dependency to testcontainers.
  - Fixed #150 Make LogoutputIT more stable

- Fixed #151 Refactor code.
- Fixed #156 Remove unused code.
- Fixed #173 Improve issue template.
- Fixed #174 Improve the output in case of an error.
- Fixed #175 Enhance the MavenProjectResult.
- Fixed #176 Remove needless import on MavenProjectResult in docs.
- Fixed #186 Typo in method name should be isSuccessful.

#### **Enhancements**

• Fixed #180 - Enable debugging of plugin while running integration tests.

#### **Details**

• Fixed #128 - Add automatic module name.

#### **Breaking Changes**

- Fixed #140 Remove deprecated marked annotation elements and code
- Fixed #142 Reduce visibility of classes; If you have used the following classes ApplicationExecutor or DirectoryHelper in your code they have be made invisible for users. No alternative available.
- Fixed #143 Deprecate ExecutionResult.Error; If you have used that directly within your code you should change your code. This is being marked deprecated and will be removed with release 0.11.0.
- Fixed #175 Enhance the MavenProjectResult. Based on the enhancements we have added getTargetBaseDirectory() and getTargetCacheDirectory(). getTargetBaseDirectory() is the same as getBaseDir() to keep compatibility in release 0.10.0. The getBaseDir() has been marked deprecated and will be removed with release 0.11.0.
- Fixed #163 You have to change the configuration within your test pom.xml file. The configuration to filter the content of the resources-its directory.

```
<testResource>
  <directory>src/test/resources-its</directory>
  <filtering>true</filtering>
  </testResource>
```

This is not allowed anymore. This means you have to bind the itf-maven-plugin with a supplemental goal in your pom file as shown in the following example:

```
<plugin>
<groupId>com.soebes.itf.jupiter.extension</groupId>
<artifactId>itf-maven-plugin</artifactId>
<version>0.10.0</version>
```

You have to add the supplemental goal resources-its in your configuration.

- Fixed #186 based on a typo in the method name isSuccesful() of the class MavenExecutionResult instead of isSuccessful() the method isSuccesful() is marked deprecated and should not being used anymore and will be removed with release 0.11.0. Replace it with isSuccessful().
- Fixed #177 Move creation of target structure into beforeEach. This change could influence your integration tests. So please check your build. If you have issues please report them.

#### Reporter of issues

- Vincent Privat
  - Fixed #197 README example does not compile.

# Reporter of this release

```
• ??
• {pr-???} - ..
```

#### Contributors of this release

```
• ??
• {issue-??} - ??
```

#### **Dependency Upgrades**

```
Fixed #47 - Upgrade to JUnit Jupiter 5.7.0
Fixed #141 - Upgrade mockito to 3.5.0
```

- Fixed #144 Upgrade assertj to 3.17.0
- Fixed #146 Upgrade commons-io to 2.7
- Fixed #147 Update byte-buddy to 1.10.14
- Fixed #148 Upgrade equalsverifier to 3.4.2
- Fixed #149 Upgrade mockito to 3.5.7
- Fixed #153 Upgrade assertj-core to 3.17.1

- Fixed #155 Upgrade assertj-core to 3.17.2
- Fixed #157 Upgrade asciidoctor-maven-plugin to 2.1.0.
- Fixed #166 Upgrade mockito to 3.6.0
- Fixed #181 Upgrade assertj-core to 3.18.1
- Fixed #182 Upgrade mockito-core to 3.7.7
- Fixed #183 Remove unused dependency xmlunit-assertj
- Fixed #185 Upgrade to JUnit Jupiter 5.7.1
- Fixed #164 Upgrade smpp 5.3.3
- Fixed #198 Upgrade to JUnit Jupiter 5.7.2
- {issue-??} ??

### **Build Improvements**

- Fixed #162 Removed JDK 13+JDK14 and keep only JDK8, 11 based on JaCoCo issue.
- Fixed #190 Building on JDK11 only.
- Fixed #191 javadoc.io is abandoned
- Fixed #189 Using drone for building.
- Fixed #196 Remove SonarQube
- Fixed #199 Remove jacoco plugin from pom. Followup for Fixed #164

The full release notes can be found here Release 0.10.0.

# Pre-release 0.9.0

Date of Release: August 12, 2020

#### Scope:

- Refactoring/Code cleanups
  - Fixed #130 Moving Conditions into separate package
  - Fixed #131 Reduce visibility of MavenITExtension.
  - Fixed #132 Remove StringInterpolator from public API
  - Fixed #134 Maven test should use options = "--errors" by default
  - Fixed #135 Split properties of @MavenTest across multiple (@Repeatable) annotations
  - Fixed #136 Remove debug from MavenJupiterExtension annotation
  - Fixed #138 Rename MavenOptions into MavenCLIOptions.

#### **Details**

• Fixed #139 - Typos in License Text

### **Breaking Changes**

- Fixed #135 Split properties of @MavenTest across multiple (@Repeatable) annotations
  - Deprecate the @MavenTest annotation elements goals, activeProfiles, options, systemProperties, debug with release **0.9.0**.
    - Add replacements @MavenGoal, @MavenProfile, @MavenOption and @SystemProperty.
      - This means all the annotation elements of @MavenTest will be removed with release 0.10.0.
    - You have to migrate your code accordingly otherwise you will face compile errors with the upgrade to release **0.10.0**.
    - The users guide has been updated to represent only the new annotations and no usage of annotation elements.
    - Changed the users guide accordingly to the new annotations.
- Fixed #130 Moving Conditions into separate package
  - The annotations DisabledForMavenVersion and EnabledForMavenVersion have been moved from com.soebes.itf.jupiter.extension into com.soebes.itf.jupiter.extension.condition package. The consequence is that you have to change your imports if you use them.
- Fixed #138 Rename MavenOptions into MavenCLIOptions.
- Fixed #132 Remove StringInterpolator from public API If you have used it you have to remove the usage. No replacement available.
- Fixed #136 Remove debug from MavenJupiterExtension annotation If you have used to turn on debugging via the annotation <code>@MavenJupiterExtension</code> this means you need to change your tests and use the <code>@MavenTest(options=MavenCLIOptions.DEBUG)</code> to get the same behaviour. Related to Fixed #135 you have to replace it with <code>@MavenOption(MavenCLIOptions.DEBUG)</code> or you can use <code>@MavenDebug</code>.

# Reporter of this release

- · Andreas Sewe
  - Fixed #134 Maven test should use options = "--errors" by default
  - Fixed #135 Split properties of @MavenTest across multiple (@Repeatable) annotations

#### Contributors of this release

- ??
  - {issue-??} ??

# **Dependency Upgrades**

- Fixed #125 Upgrade mockito to 3.4.0.
- Fixed #126 Upgrade testcontainers to 1.14.3.
- Fixed #127 Upgrade equalsverifier to 3.4.1
- Fixed #129 Upgrade mockito to 3.4.3.

• Fixed #137 - Upgrade mockito-core to 3.4.6.

### **Build Improvements**

• {issue-??} - ??

The full release notes can be found here Release 0.9.0.

# Pre-release 0.8.0

Date of Release: July 11, 2020

#### Scope:

- Bug Fixing and improvements.
- Failure Plugin Fixed #113.

#### **Details**

- Fixed #87 Remove duplicate implementations for PomReader/PomUtils
- Fixed #106 Wrong usage of a function InstallMojo
- Fixed #104 Improve code based on SonarQube
- Fixed #110 Separate usersguide / release notes.
- Fixed #112 Fix Links to ReleaseNotes 0.7.0
- Fixed #114 Assertion on logoutput either debug/info does not work.
- Fixed #117 Output of builds should be consistently named \*.log
- Fixed #118 Add error() for LogAssert.
- Fixed #119 Code Cleanups
- Fixed #113 Create a plugin which fails the build.
- Fixed #121 Change itf-extension-maven dependency scope from compile to test.
- Fixed #122 We should use itf-maven-plugin instead of maven-invoker-plugin for itf-failure-plugin

### **Breaking Changes**

• If you have used the names of the build output like mvn-stdout.out or mvn-stderr.out those names have been changed related to Fixed #117. This means you have to change your file names to mvn-stdout.log or mvn-stderr.log accordingly.

#### Reporter of this release

- · Roland Weisleder
  - Pull request #100 Remove duplicated line from code block in README.md

# Contributors of this release

- Sandra Parsick
  - Fixed #93 Add support for editorconfig
  - Pull request #115 Initial start for the log assertion documentation related to Fixed #114.
- · Roland Weisleder
  - Pull request #100 Remove duplicated line from code block in README.md

#### **Dependency Upgrades**

- Fixed #99 Upgrade equalsverifier from 3.1.13 to 3.3
- Fixed #101 Upgrade smpp from 5.1.0 to 5.2.0
- Fixed #108 Upgrade smpp from 5.2.0 to 5.3.0
- Fixed #116 Upgrade asciidoctor-maven-plugin to 2.0.0

#### **Build Improvements**

- Fixed #60 Building on JDK15
- Fixed #102 JDK15 Build fails based on jacoco; Need to wait for a new release of JaCoCo.
- Fixed #103 Add SonarQube analysis
- Fixed #105 Change the used JDK for running SonarQube analysis
- Fixed #107 Remove empty module itf-executor
- Fixed #108 Reconfiguring cache handling in GitHub Actions.
- Fixed #111 Add .sdkmanrc.
- Fixed #123 Cache usage does not work.
- Fixed #124 Duplicate executions of builds on merge onto master.

The full release notes can be found here Release 0.8.0.

# Pre-release 0.7.0

Date of Release: May 17, 2020

#### Scope:

- Bug Fixing Fixed #88.
- Version in rendered documents Fixed #98.

#### **Details**

• Fixed #98 - Version/dates in HTML documents.

#### **Breaking Changes**

• None in this release.

### Reporter of this release

- Philippe Marschall
  - Fixed #91 Small FileSystem usage Review
- Sandra Parsick
  - Fixed #88 System property maven.home is set but 'java.lang.IllegalStateException: We could not find the maven executable myn somewhere' is thrown

#### Contributors of this release

• none.

# **Dependency Upgrades**

- Fixed #85 Upgrade AssertJ from 3.15.0 to 3.16.0
- Fixed #89 Upgrade AssertJ from 3.16.0 to 3.16.1
- Fixed #86 Upgrade xmlunit-assertj from 2.6.3 to 2.6.4
- Fixed #95 Upgrade Testcontainers from 1.14.1 to 1.14.2
- Fixed #96 Upgrade commons-compress from 1.19 to 1.20
- Fixed #97 Upgrade xmlunit-assertj from 2.6.4 to 2.7.0

### **Build Improvements**

- Fixed #90 Improving build with cache usage on GitHub actions.
- Fixed #91 Cache is not correctly configured

The full release notes can be found here {release-0.7.0}[Release 0.7.0].

# Pre-release 0.6.0

Date of Release: May 6, 2020

#### Scope:

- Documentation cleanup
- Better naming for MavenIT.

#### **Details**

- Fixed #67 Cleanup userguide
- Fixed #68 Rename @MavenIT into @MavenJupiterExtension.
- Fixed #76 "Getting started" is hard to find.

### **Breaking Changes**

• With Fixed #68 - we have renamed the @MavenIT annotation into @MavenJupiterExtension to make

the intention more clear.

• With Fixed #80 - We have removed the previously needed log4j dependencies at all. In testing projects there is no need anymore in adding log4j-core dependency.

#### Reporters of this release

- · Roland Weisleder
  - Fixed #76 "Getting started" is hard to find.
  - Fixed #77 Code in section "Configuration in Maven" (user guide) should be copy-pastable
  - Fixed #80 Error message "Log4j2 could not find a logging implementation"

#### Contributors of this release

• Sandra Parsick Fixed #78 - put section "configuration in maven" before section "Structuring Integration Tests"

# **GitHub Improvements**

- Fixed #69 Add templates for issues/features requests
- Fixed #74 Recreate issue templaes
- Fixed #75 Separate documentation for master and release
- Fixed #81 Added CONTRIBUTION.md guide.
- Fixed #84 Rename CONTRIBUTION.md into CONTRIBUTING.md

The full release notes can be found here Release 0.6.0.

# Pre-release 0.5.0

Date of Release: May 3, 2020

#### Scope:

- Removed usage of internal API's. Fixed #49, Fixed #52.
- Fixing Bug while running several IT's while using the same cache.
- Fixing Bug related to @MavenProject Fixed #53.

- Fixed #48 Accidentally deleting the local cache.
  - We should not delete the whole cache between executions cause a given @MavenRepository is otherwise useless for several methods.
- Fixed #49 Change to use only maintained API's of JUnit Jupiter
- Fixed #52 Remove usage org.junit.platform.commons.logging
- Fixed #53 Deleting project under test during @MavenProject tests

• Fixed #65 - Create github pull request template file.

#### **Breaking Changes**

• The MavenVersion enum type has been moved from package com.soebes.itf.jupiter.maven to com.soebes.itf.jupiter.extension to take advantage of using internal classes.

# **Dependency Upgrades**

- Fixed #50 Upgrade Testcontainers to most recent version 1.14.1
- Fixed #51 Upgrade smpp parent to version 5.0.3
- Fixed #54 Upgrade equals verifier from 3.1.12 to 3.1.13
- Fixed #55 Upgrade log4j from 2.13.1 to 2.13.2
- Fixed #56 Upgrade mockito from 3.3.0 to 3.3.3
- Fixed #57 Upgrade smpp-parent from 5.0.3 to 5.1.0

#### **Build Improvements**

- Fixed #58 WARNING JAR will be empty in itf-documentation module.
- Fixed #59 Removed option -Dcheckstyle.skip=true
- Fixed #61 Bug in pipeline Using wrong checkout
- Fixed #62 WARNING JAR will be empty in itf-examples
- Fixed #63 Cleanup pom and remove plugins which are inherited from smpp-parent
- Fixed #64 Automatic site publishing
- Fixed #66 Release failure based on missing javadoc/sources packages for itf-examples

The full release notes can be found here Release 0.5.0.

# Pre-release 0.4.0

Date of Release: April 19, 2020

#### Scope:

- Renamed invoker-repo into itf-repo
- Added .predefined-repo for integration tests.
- Support for finding Maven executable in a portable way.

- Fixed #40 Changed from invoker-repo to itf-repo.
- Fixed #41 Activate apache-rat plugin to check all files for license
- Fixed #42 MavenRepository contains @ExtendWith

- Fixed #43 Create MavenPredefinedRepository annotation
- Fixed #45 Searching for the Maven executable in a portable way.

#### **Breaking Changes**

• itf-maven-plugin uses now the location itf-repo instead invoker-repo. This can break tests which have been written with version 0.3.0 and before.

The full release notes can be found here Release 0.4.0.

# Pre-release 0.3.0

Date of Release: April 18, 2020

### Scope:

- Working build on Windows.
- Basic Maven Plugin for installation of artifacts.
- License file in project.
- · Release Notes documentation.

#### **Details**

- Fixed #32 Build on Windows as well
- Fixed #33
  - Create a maven plugin which handles the installation of artifacts
  - This removes the need to use maven-invoker-plugin with a weird configuration.
- Fixed #34 Add LICENSE file to the project
- Fixed #36 Create a release notes documentation.
- Fixed #31
  - Imports in documentations are not correct anymore.
  - Fixed includes
  - building of html/pdf during the build.
  - $\circ~$  Fixed site generation to render also docs in correct location.
  - Moved docs to itf-documentation project.

The full release notes can be found here Release 0.3.0.

# Pre-release 0.2.0

Date of Release: April 15, 2020

#### Scope:

• Changed package names and maven coordinates to make it possible to publish in Central Repository.

### Details

- Fixed #30 Upgrade parent to 5.0.1 smpp
- Fixed #29 Change coordinates / Change Names
  - renamed groupId.
  - Renamed artifactId's.
  - Renamed modules
  - Renamed packages.
  - Renamed documents.
  - Fixed docs.

The full release notes can be found here Release 0.2.0.

# Pre-release 0.1.0

Date of Release: April 14, 2020

# Scope:

• First public release as github packages.

The full release notes can be found here Release 0.1.0.