

Espilce Commons

Conversion Utilities

Utilities to convert between all different variants to reference files or similar artifacts.

Each conversion method exists in two variants:

- `toTargetType(SourceType)` returns `null` if the conversion is unsuccessful.
- `asTargetType(SourceType)` throws a `UnconvertibleException` if the conversion is unsuccessful.

ConversionUtils

Converts Java URIs, Java URLs, Java Files, and Java Paths.

UriUtils

Adds EMF URIs to *ConversionUtils*.

ResourceUtils

Adds Eclipse IResources and Eclipse IPaths to *ConversionUtils*.

UriResourceUtils

Combines *ConversionUtils*, *UriUtils*, and *ResourceUtils*.

Load Helpers

Helpers to find and read resources (a.k.a. files) in different contexts, e.g. file system, classloader, Eclipse workspace, OSGi bundles, ...

FilesystemClassLoaderLoadHelper

Loads resources either from file system or classloader.

WorkspacePluginLoadHelper

Finds resources in the workspace or plug-ins.

Model-to-Text Generator Support

(Almost) verbatim copy of Xtext generator infrastructure, with minimal dependencies.

Generator

No dependencies on Xtext, EMF, or Eclipse.

EMF Generator

Extends *Generator* with dependencies on EMF.

EMF Generator Xtext

Bridges between Xtext generator infrastructure and Espilce Commons generator infrastructure.

Miscellaneous Utilities

EmfStringRenderer

Creates a human-readable tree-like text rendering of EMF contents.

WorkspaceUtils

Utilities for Eclipse Workspace; currently: Executes some work only after all workspace changes are done.

ContentTypeUtils

Utilities for handling Content Types in an Eclipse Workspace.

NewlineNormalizer

Replaces all newline variants with one single variant.

Test Utilities

Assert2

Extensions to JUnit's Assert; currently: `assertEquals()` with normalized newline.

AssertFile

Extensions to JUnit's Assert to check files and their contents.

AssertInputStream

Extensions to JUnit's Assert to check input streams.

ATestWorkspace

Base class for JUnit tests requiring an IProject.

ProjectBuilder

Builder to create an IProject (incl. contents) as test harness.

AModelLoader

Convenience base class for test classes that need to load models.

AssertEmf

Compares EMF artifacts and renders the differences in human-readable manner, if any.

ATestValidator

Base class for EMF EValidator tests.