Eclipse Scout
Migration Guide

Scout Team

Version 10.0

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About This Document

This document describes all relevant changes **from Eclipse Scout 9.0 to Eclipse Scout 10.0**. If existing code has to be migrated, instructions are provided here.

Service Releases

Scout 10.0 will continue to be maintained for a while and a new build may be released from time to time, following the Simultaneous Release Cycle. Beside bugfixes, these service releases may even contain some minor features.

The following changes were made after the initial 10.0 release.

Simrel 2020-03 — TBD

> ⚠️ The here described functionality has not yet been released and is part of an upcoming release.

API Changes (Java)

StrictSimpleDateFormat

`org.eclipse.scout.rt.jackson.dataobject.StrictSimpleDateFormat` was removed. Use `org.eclipse.scout.rt.platform.util.date.StrictSimpleDateFormat` instead.

ObjectUtility

`nvlOptional()` was renamed to `nvlOpt()`.

Data Objects

The Scout data object support was moved from the Scout platform to the module `org.eclipse.scout.rt.dataobject`. The package imports of all data object related classes therefore changed: From `org.eclipse.scout.rt.platform.dataobject` to `org.eclipse.scout.rt.dataobject`

Renamings

`org.eclipse.scout.rt.client.ui.desktop.datachange.DoChangeEvent` → `org.eclipse.scout.rt.client.ui.desktop.datachange.ItemDataChangeEvent`

Dependencies

All modules which use data objects were extended with a dependency to `org.eclipse.scout.rt.dataobject`

- `org.eclipse.scout.rt.rest`

- `org.eclipse.scout.rt.mom.api`

Renamings in ErrorDo

- `org.eclipse.scout.rt.rest.error.ErrorDo#status`   →
  `org.eclipse.scout.rt.rest.error.ErrorDo#httpStatus`

- `org.eclipse.scout.rt.rest.error.ErrorDo#code`   →
  `org.eclipse.scout.rt.rest.error.ErrorDo#errorCode`

API Changes (JavaScript)

REST Service Changes

Any changes which may change how REST consumer or provider behave.

Renamings in ErrorDo

`org.eclipse.scout.rt.rest.error.ErrorDo`   used   by
`org.eclipse.scout.rt.rest.client.proxy.ErrorDoRestClientExceptionTransformer`   and   some
`org.eclipse.scout.rt.rest.exception.AbstractExceptionMapper<E>` was slightly changed:

- `ErrorDo#status` → `ErrorDo#httpStatus`

- `ErrorDo#code` → `ErrorDo#errorCode`

Different HTTP status codes

A REST service client using `ErrorDoRestClientExceptionTransformer` will now transform

- any client request error (HTTP `4xx` status codes) into a `VetoException`

- `403 - Forbidden` into a `org.eclipse.scout.rt.dataobject.exception.AccessForbiddenException`

- `404 - Not Found` into a `org.eclipse.scout.rt.dataobject.exception.ResourceNotFoundException`

The `org.eclipse.scout.rt.rest.exception.VetoExceptionMapper` used by a REST service provide will now create an error response with status `400 - Bad Request` (this was formerly a `403`).

> Do you want to improve this document? Have a look at the sources on GitHub.