

CN4J Report

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Chapter 1. Introduction

This document contains a dependency analysis showing the current state and target for Cloud Native for Java (CN4J) platforms like [Jakarta EE](#) and [MicroProfile](#). The analysis tool to generate the actual state analysis is [jQAssistant](#) (see [this repository](#)), where the to-be analysis is derived from manually.

Chapter 2. Jakarta EE

2.1. Jakarta Umbrella Specifications

2.1.1. Jakarta 10.0.0

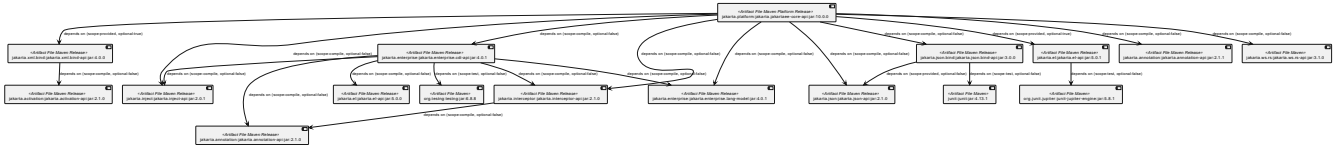


Figure 1. Jakarta Core Profile 10.0.0 actual

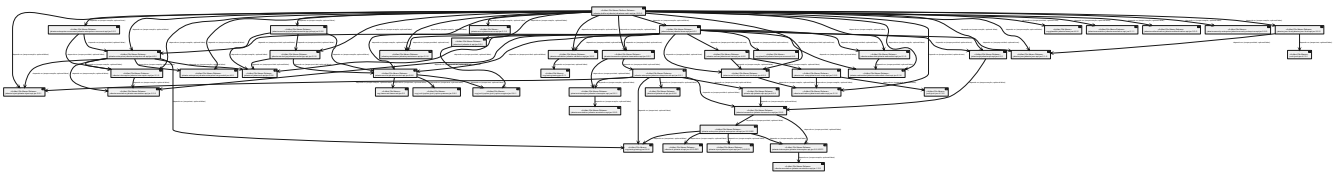


Figure 2. Jakarta Web Profile 10.0.0 actual

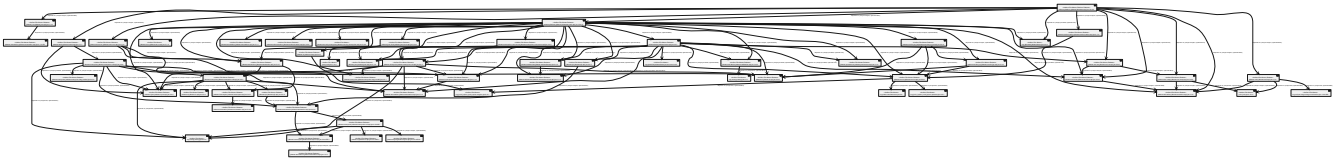


Figure 3. Jakarta Platform 10.0.0 actual

2.1.2. Jakarta 10.0.1

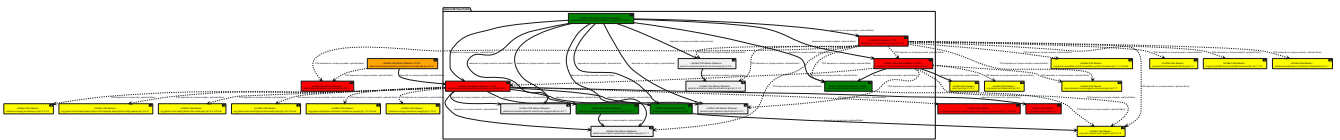


Figure 4. Jakarta Core Profile 10.0.1 target including TCK dependencies

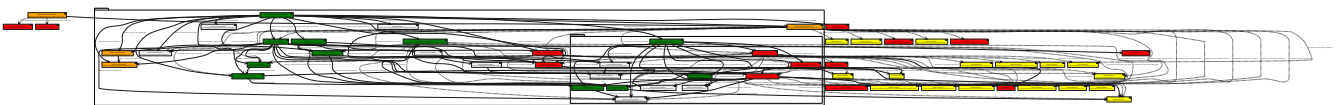


Figure 5. Jakarta Web Profile 10.0.1 target including TCK dependencies

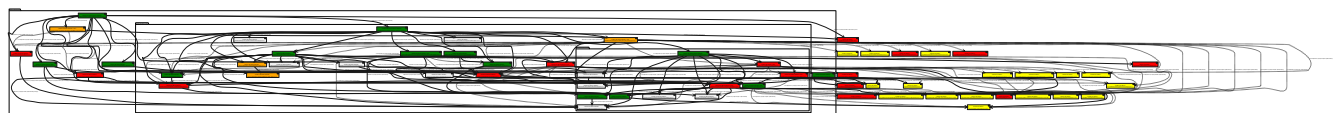


Figure 6. Jakarta Platform 10.0.1 target with including TCK dependencies



The so called **waves** for the release order of the component specifications can be derived from this graph directly!

2.1.3. Jakarta 11.0.0

TBD

2.2. Jakarta Component Specifications

2.2.1. Separated TCKs

Jakarta component specs with separated TCK already:

- Jakarta Annotation(s) (TDB, TCK creation planed for Jakarta Annotations 3.0.0)
- Jakarta Batch
- Jakarta CDI (split into CDI Core and CDI web is planed later, a CDI Platform might be required too)
- Jakarta Concurrent
- Jakarta Data (stand-alone)
- Jakarta JSON
- Jakarta JSON Bind
- Jakarta MVC (stand-alone)
- Jakarta REST
- Jakarta Validation (TCK renaming planed soon)

Chapter 3. MicroProfile

3.1. MicroProfile Umbrella Specifications

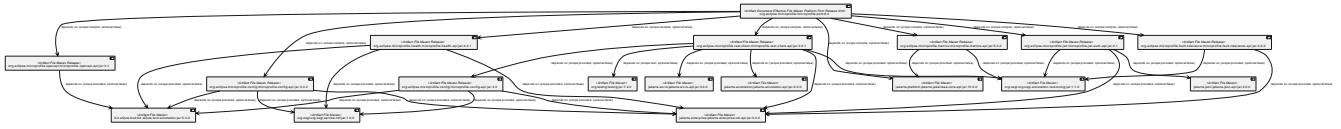


Figure 7. MicroProfile 6.0.0 actual