OSGi kurzgefasst

und warum gute Medizin bitter sein kann

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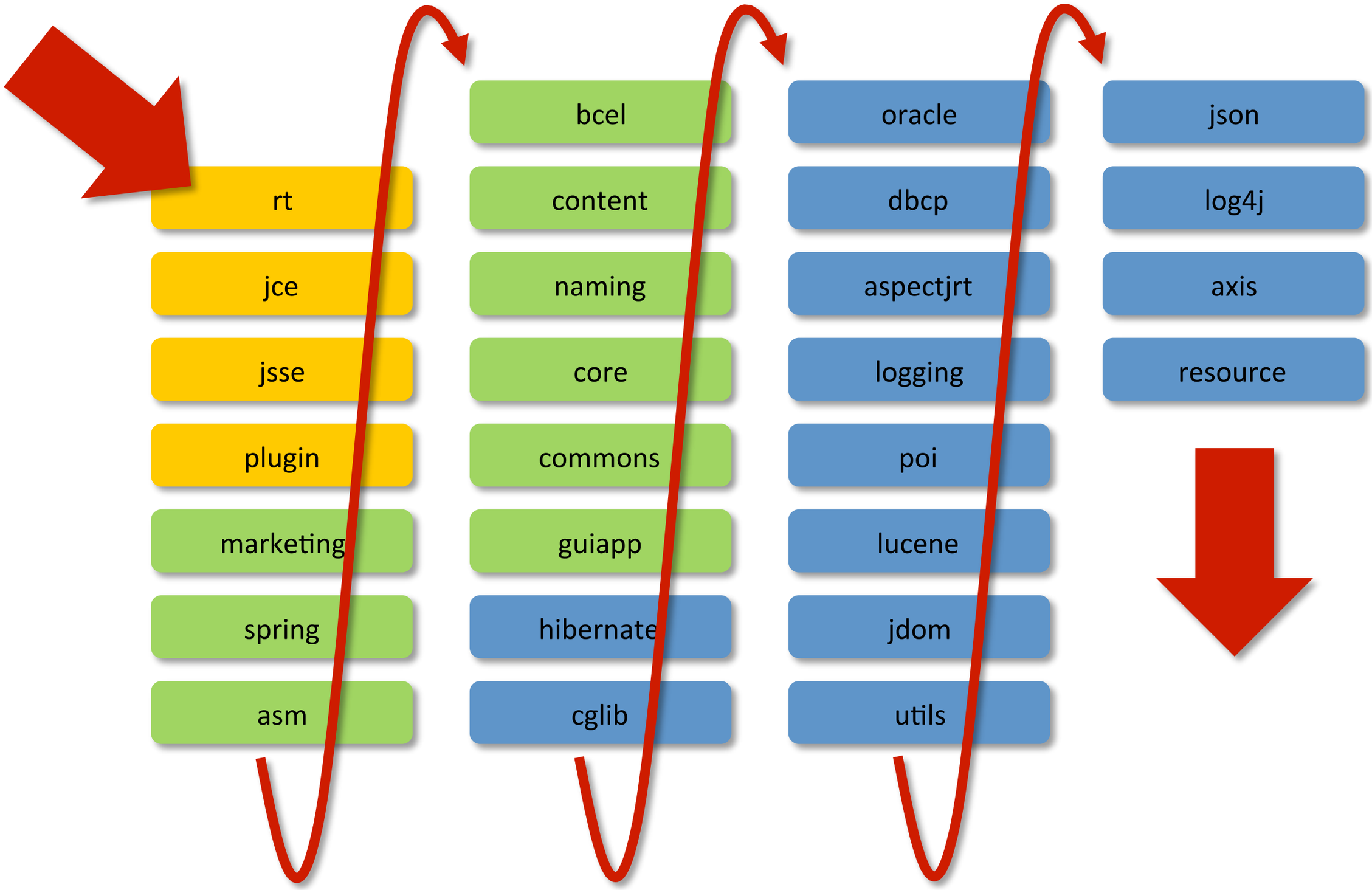
Damals

Kein OO
Kein Information Hiding
Globale Variablen

...

Heute

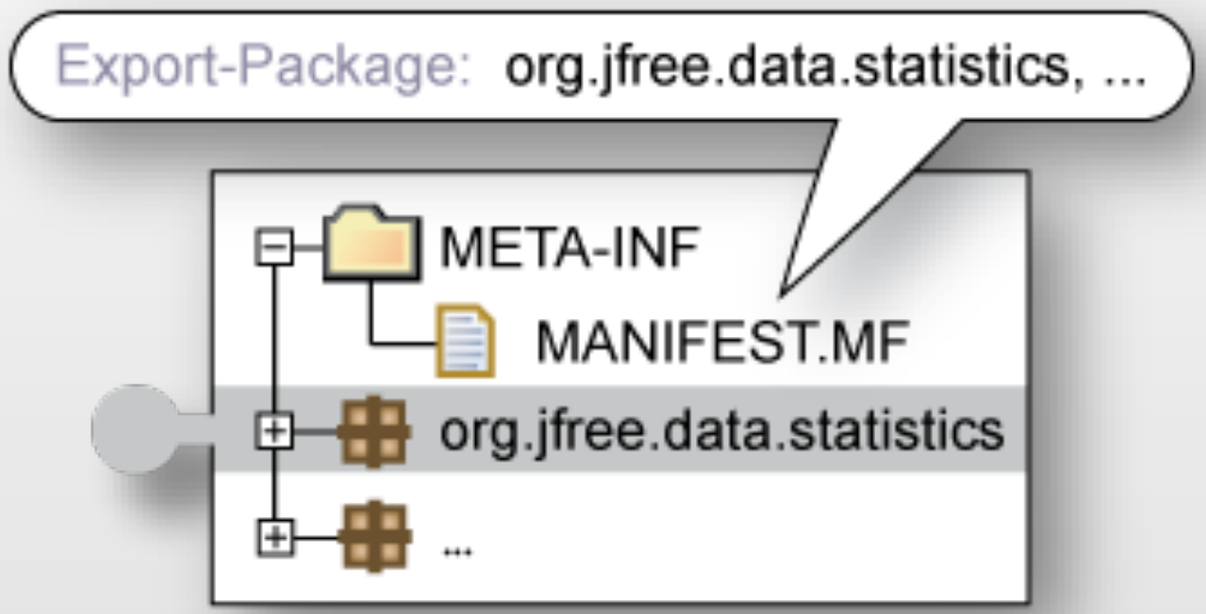
Die JAR-Hölle...



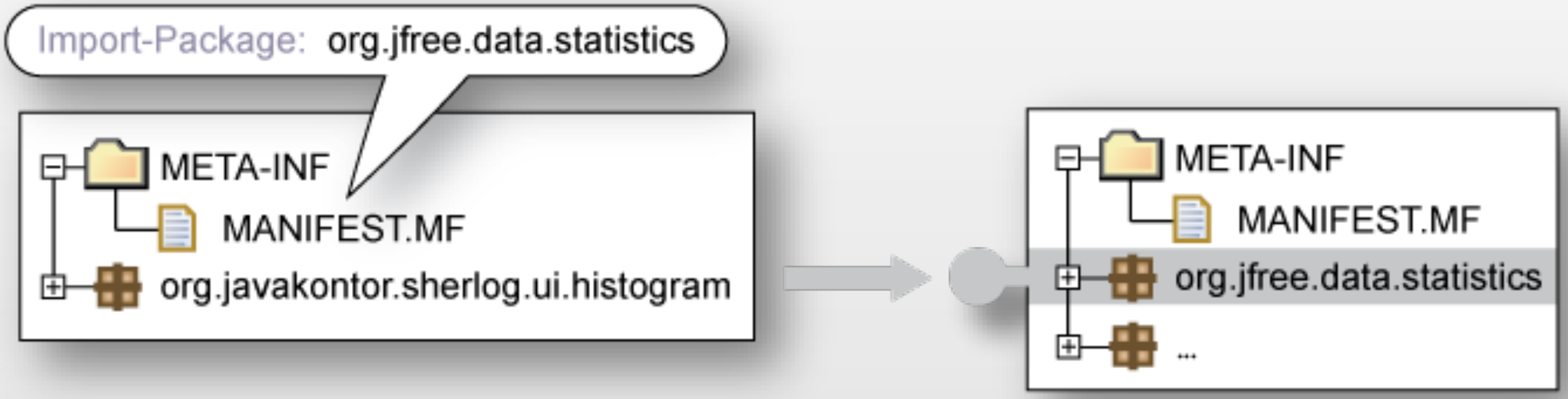
OSGi technology is the dynamic module system for Java™

Module als Bundles

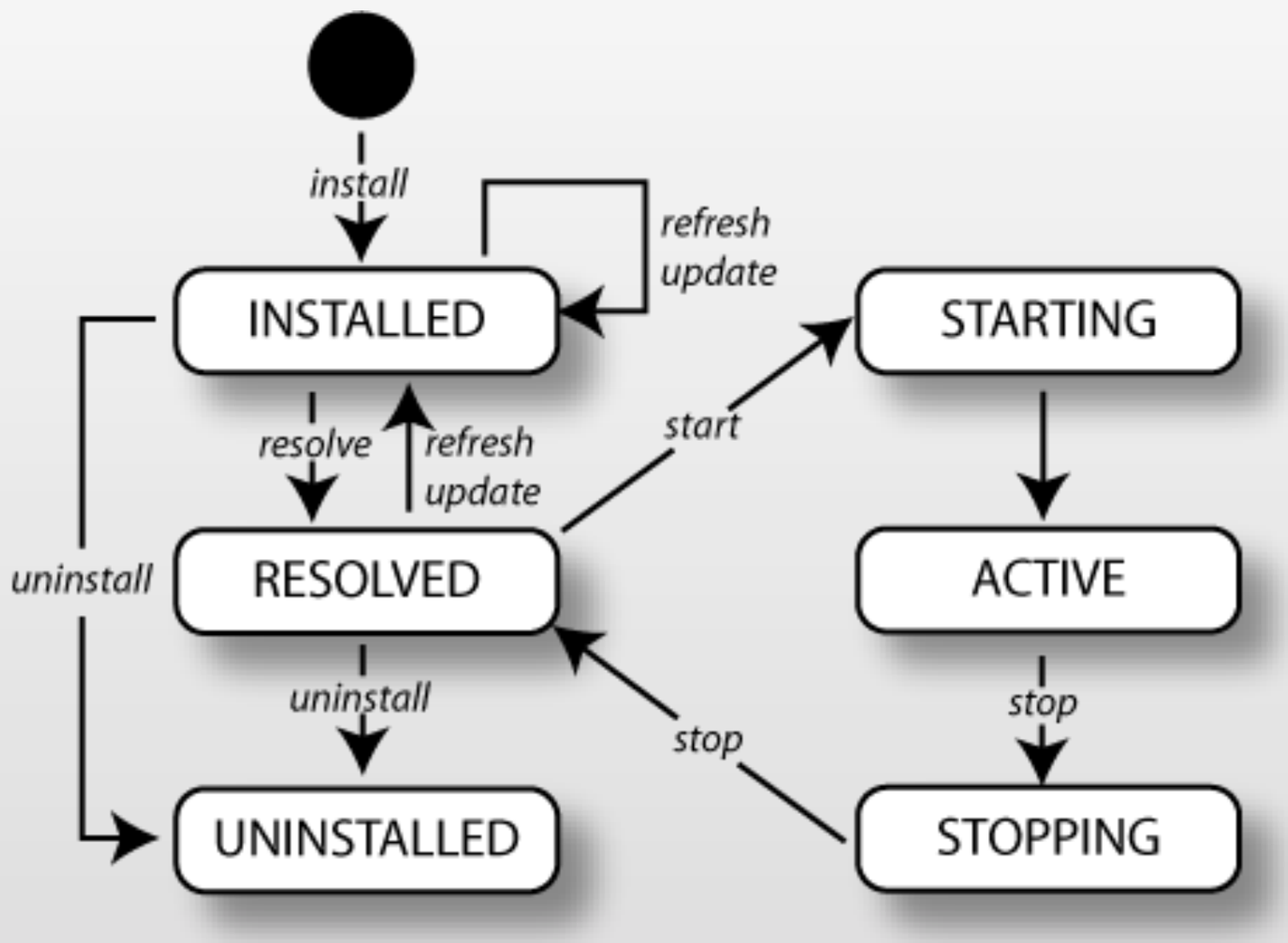
Information Hiding



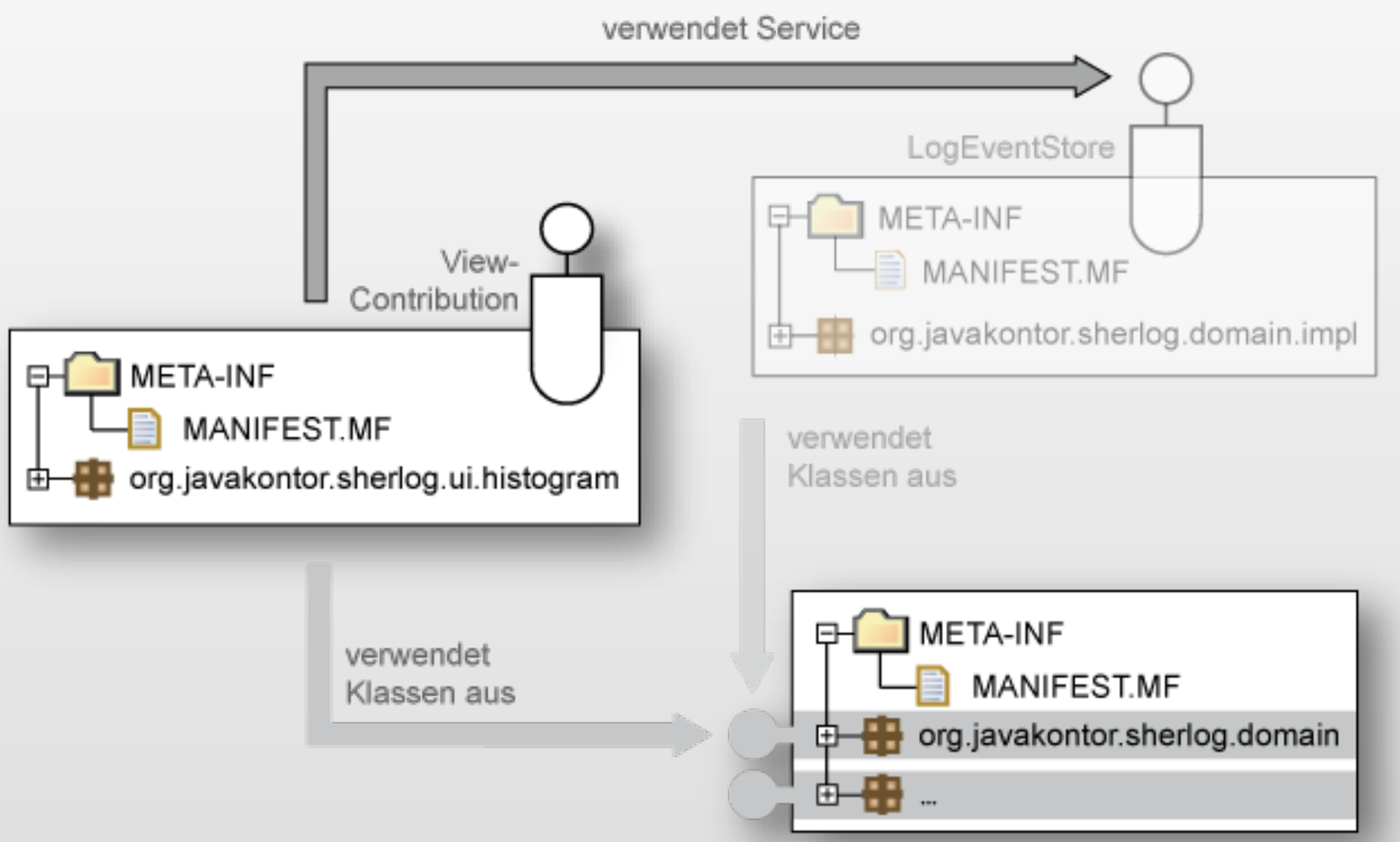
Abhängigkeiten



Dynamik


install
refresh
update
INSTALLED
STARTING
resolve
refresh
update
start
uninstall
RESOLVED
ACTIVE
uninstall
stop
stop
UNINSTALLED
STOPPING

Services

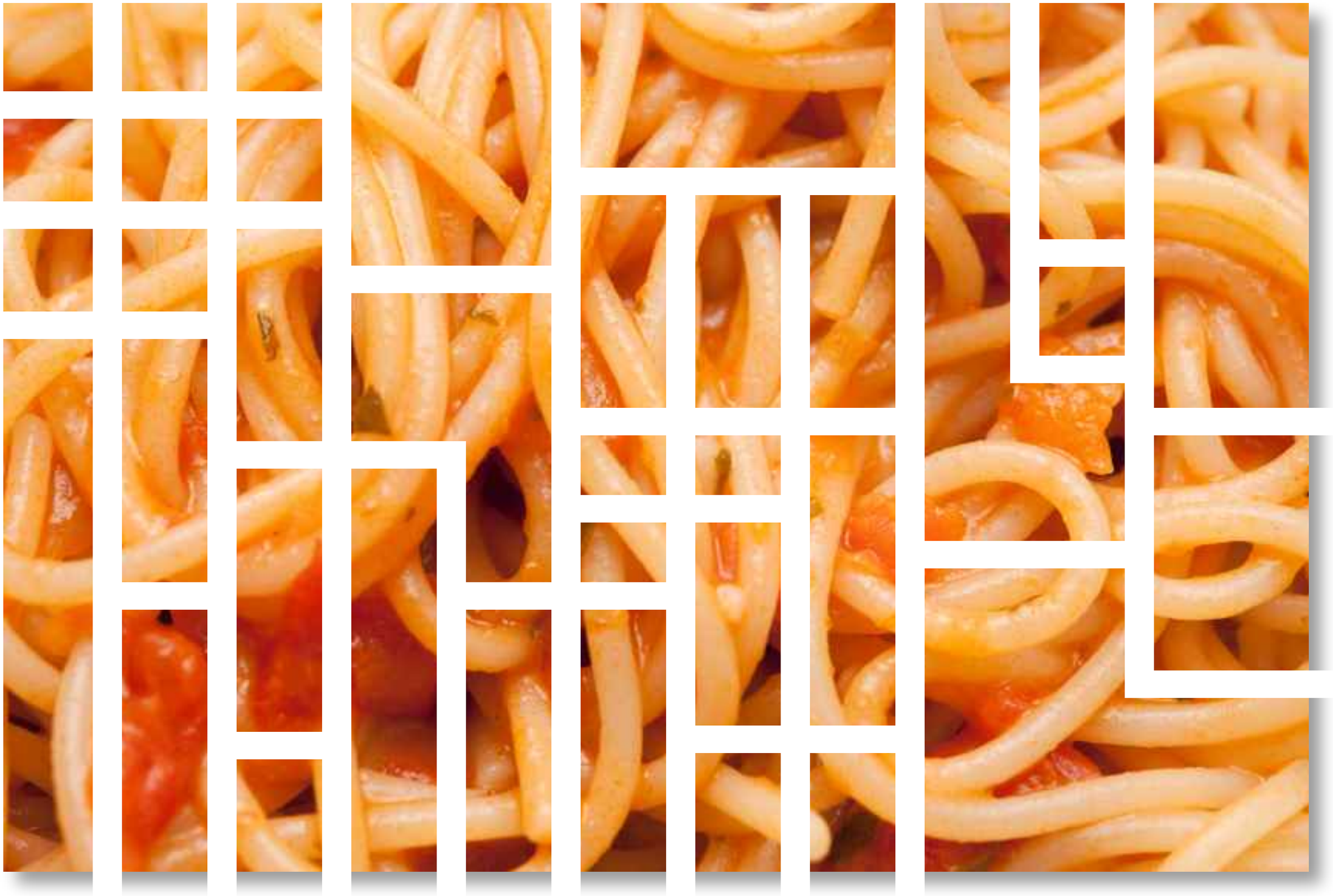

verwendet Service
LogEventStore
META-INF
MANIFEST.MF
org.javakontor.sherlog.domain.impl
View-
Contribution
META-INF
MANIFEST.MF
org.javakontor.sherlog.ui.histogram
verwendet
Klassen aus
verwendet
Klassen aus
META-INF
MANIFEST.MF
org.javakontor.sherlog.domain
...

Und jetzt?

Aufräumen

Rot oder Blau?

Nachträgliche Modularisierung



Auf der grünen Wiese ist manches einfacher...

Good fences make good neighbors

Size Does Matter

Manage your dependencies

Use services

Dynamik mit OSGi - leider nicht „for free“

Q&A

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