



Cultural Heritage Framework 2

Research software suite for the production
and publication of humanities data,
built with ❤️ by @digicademy in Mainz



github.com/digicademy-chf

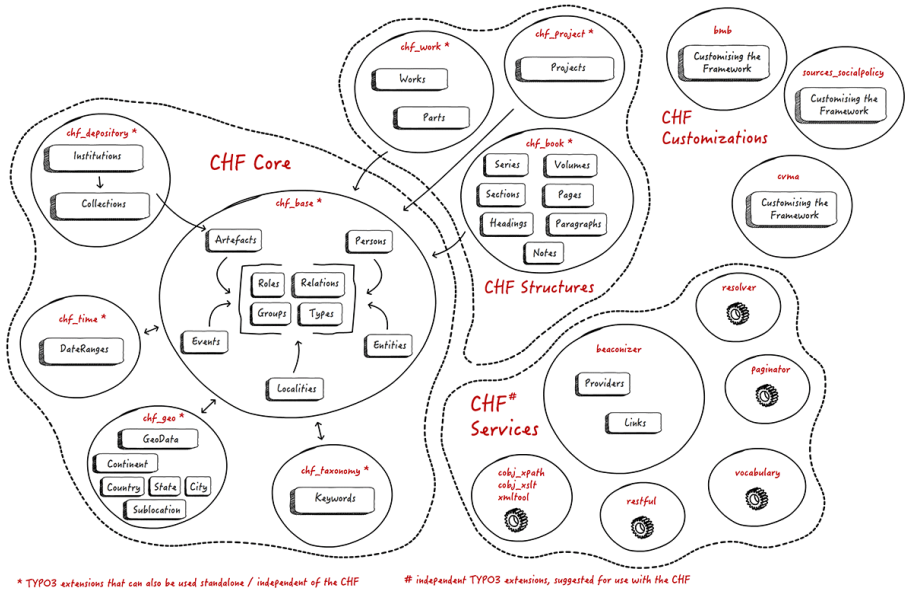
Originally developed for the Dictionary of Surnames and the Corpus Vitrearum

Designed to be useful for other cultural-heritage data as well

Combines highly structured semantic classes with annotatable fields

To become an extensible one-stop solution

OPEN-SOURCE MARKET



* TYPO3 extensions that can also be used standalone / independent of the CHF # independent TYPO3 extensions, suggested for use with the CHF

2017 CHF concept by Torsten Schrade



Kitodo



WissKI



TEI Publisher

ediarum
Ediarum

MerMEId
MerMEId

⟨ LEXONOMY ⟩
Lexonomy

Edirom
Edirom

(DIGITAL) ECOSYSTEMS

Environment

As few physical servers as possible
Limited data duplication
Energy-preserving frontend

Accessibility

Semantic annotation
Screenreader-ready frontend
No vendor lock-ins

Interested public

In-text glossaries
Responsive design
Multiple paths into the data

Domain-specific communities

Include XML-based serialisation like TEI
Options to download all data
Standardised data models if possible

Web and digital humanities infrastructure

Atomic design
Machine-readable metadata
Serialisations, APIs, LOD

International legal frameworks

Data licences
Privacy
Limited telemetry

German academia

Maintainable for newbies
Simple code beats elegant code
Documentation & education

Software stack

Stay up to date
Act in good faith & contribute
Engage with the community

The diagram illustrates an extensible design architecture. At the center is a light gray circle containing the text 'TYPO3 with Cultural Heritage Framework' in red. To the right of this circle, the text 'Optional automated ingest routines' is positioned, with a curved arrow pointing from it to the right edge of the central circle. Below the central circle, a horizontal row of seven text elements is displayed: 'Data models', 'Editing', 'Serialisations', 'User interface', 'Embedded metadata', 'Search', and 'Social'. Directly beneath this row is the text 'Project-specific overwrites' in red. At the bottom of the diagram, three additional text elements are shown: 'Optional LOD APIs', 'Optional QA routines', and 'Optional visualisations'.

TYPO3 with
Cultural Heritage
Framework

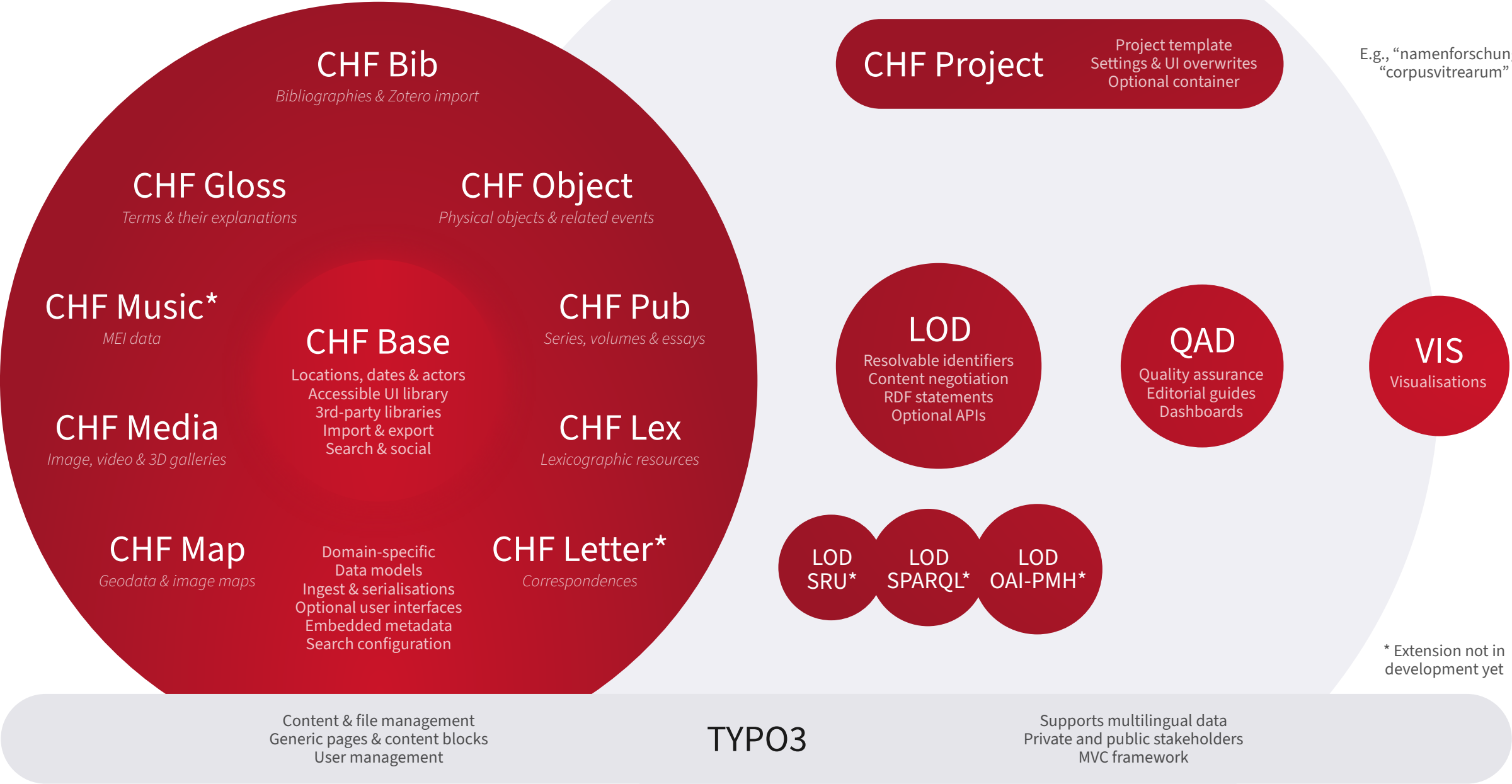
Optional automated
ingest routines

Data models Editing Serialisations User interface Embedded metadata Search Social

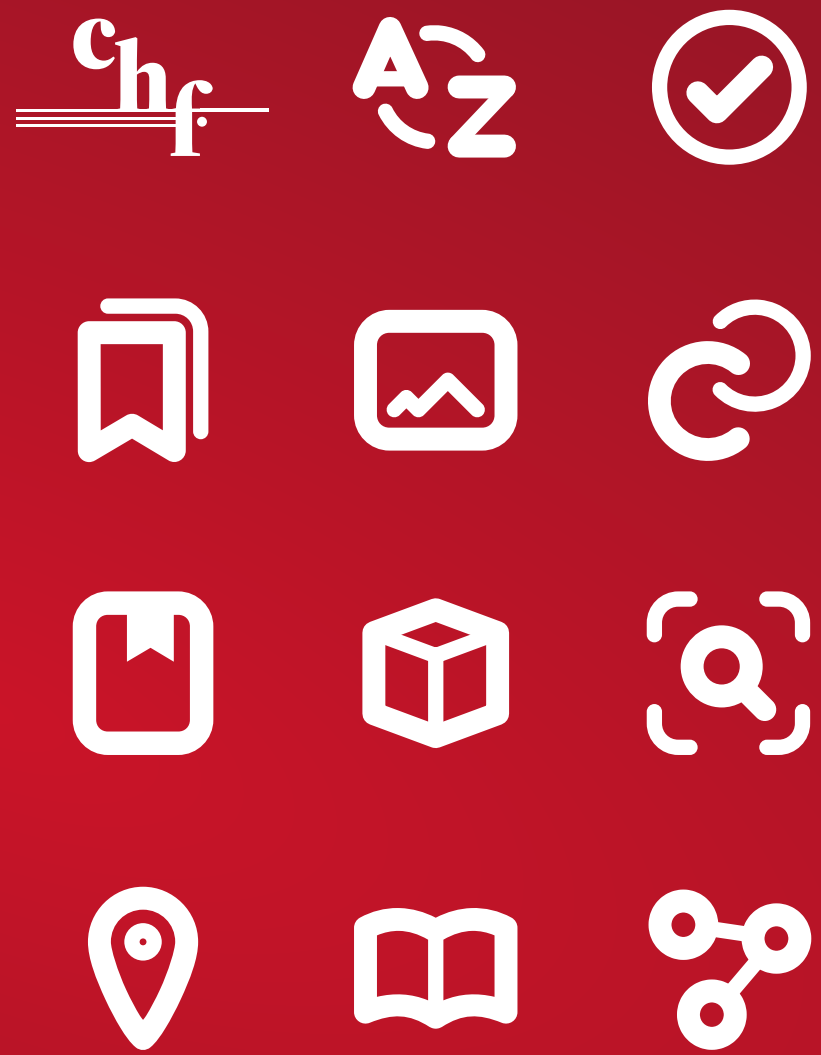
Project-specific overwrites

Optional LOD APIs Optional QA routines Optional visualisations

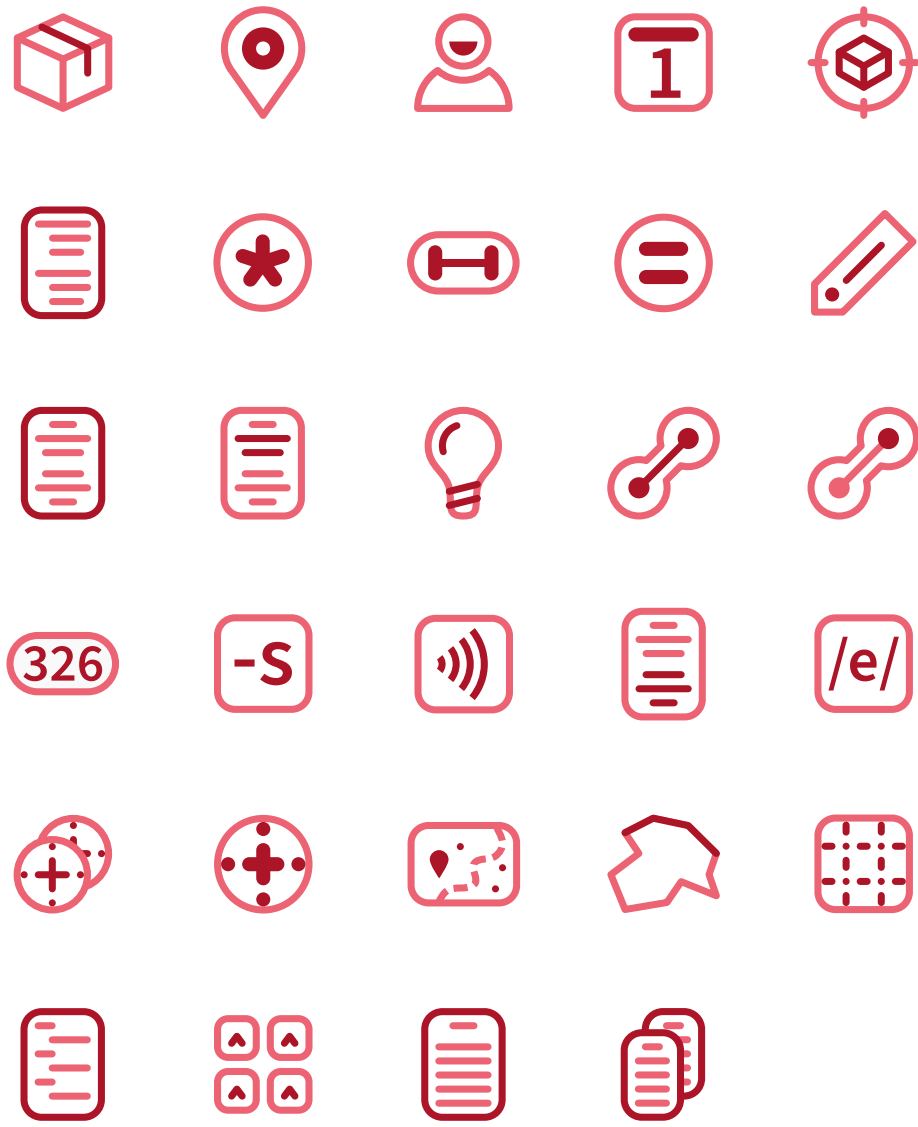
COMPONENTS

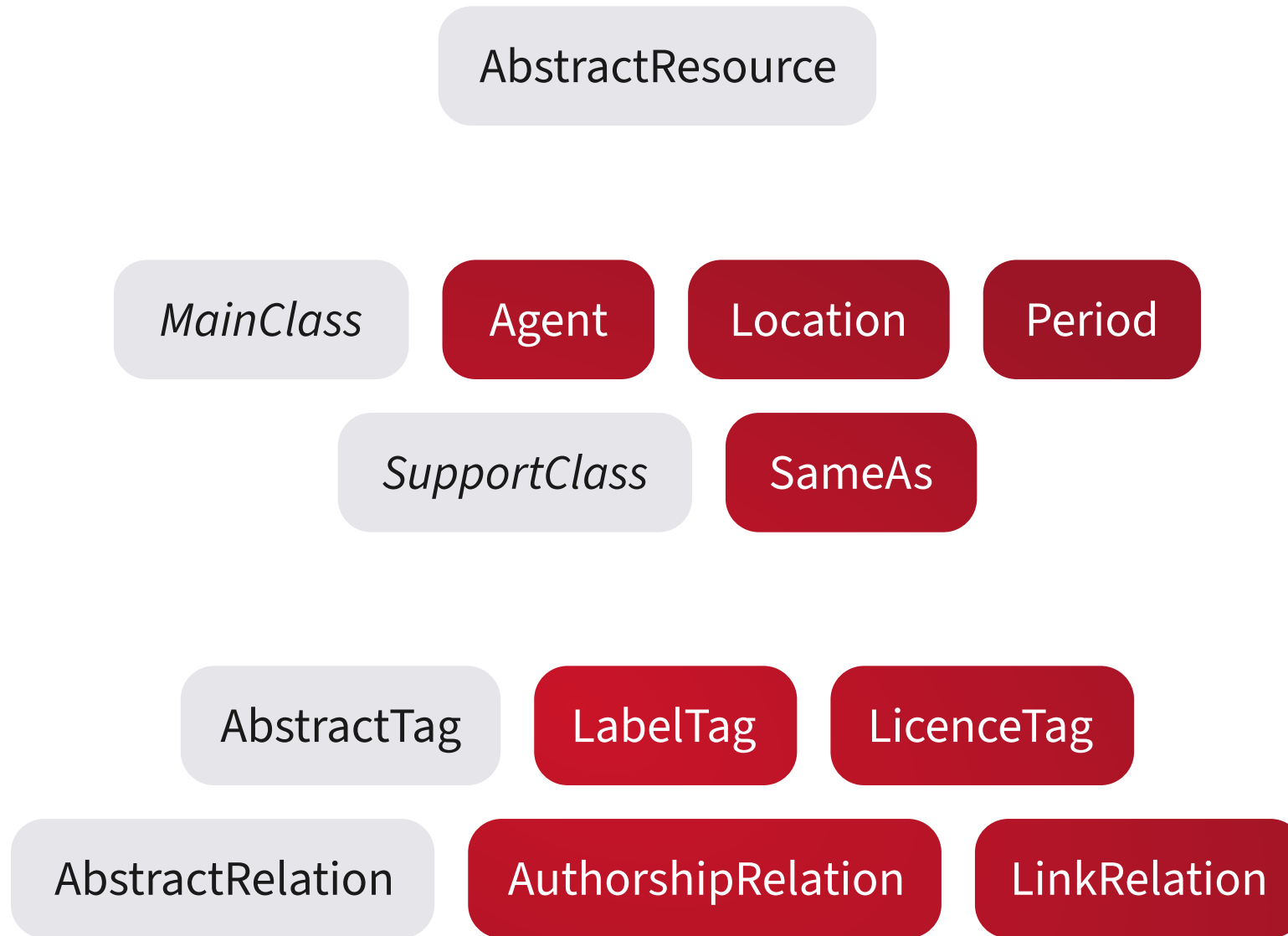


EXTENSIONS



TABLES





RELEASE STRATEGY

DEVELOP CHF Base
CHF Gloss
CHF Bib
CHF Map
CHF Lex
CHF Project

PLAN CHF Media
CHF Object
CHF Pub
LOD (update)

QAD
VIS

CHF Letter
CHF Music
LOD SRU
LOD SPARQL
LOD OAI-PMH

EXTEND CHF Base
CHF Gloss
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