



Cultural Heritage Framework 2



DIGITAL ACADEMY

ACADEMY OF SCIENCES AND LITERATURE MAINZ

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



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WIP

Originally developed for the Dictionary of Surnames and the Corpus Vitrearum

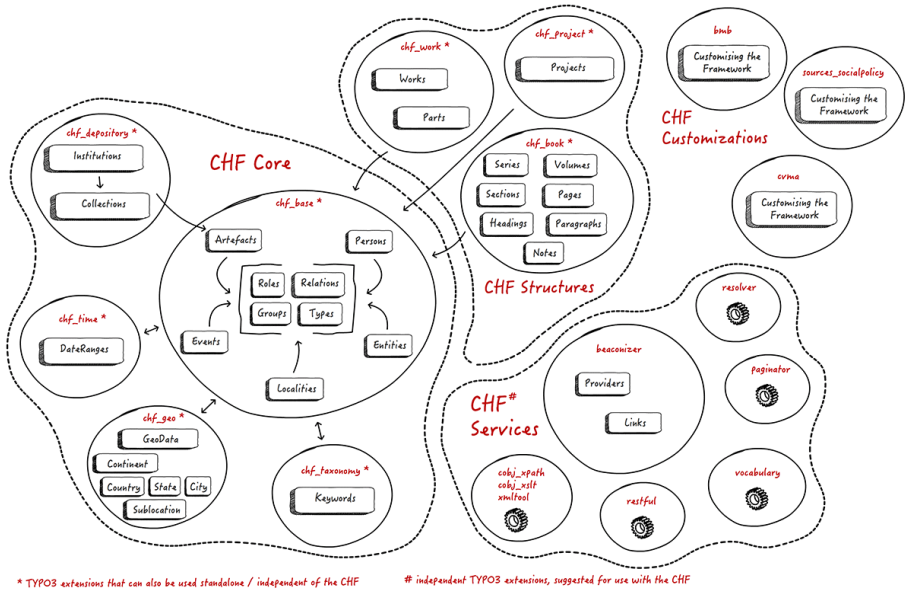
Designed to be useful for other cultural-heritage data

Combines highly structured semantic classes with annotatable fields

To become an extensible one-stop solution for editing/management/publication

Based on an analysis of (digital) ecosystems, accessibility first

OPEN-SOURCE MARKET



2017 CHF concept by Torsten Schrade



WissKI



TEI Publisher

ediarum
Ediarum

MerMEId
MerMEId

⟨ LEXONOMY ⟩
Lexonomy

Edirom
Edirom

(DIGITAL) ECOSYSTEMS

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

Environment

Semantic annotation
Screenreader-ready frontend
No vendor lock-ins

Accessibility

In-text glossaries
Responsive design
Multiple paths into the data

Interested public

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

Domain-specific communities

Atomic design
Machine-readable metadata
Serialisations, APIs, LOD

Web and digital humanities infrastructure

Data licences
Privacy
Limited telemetry

International legal frameworks

Maintainable for newbies
Simple code beats elegant code
Documentation & education

German academia

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

Software stack

Compatible to DoS protection
Download availability
Containerisation

Bad-faith actors

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. An arrow points from the text 'Optional automated ingest routines' to the right side of this central circle. Below the circle is a horizontal row of seven text elements: 'Data models', 'Editing', 'Serialisations', 'User interface', 'Embedded metadata', 'Search', and 'Social'. Below this row is the text 'Project-specific overwrites' in red. At the bottom of the diagram are three text elements: 'Optional LOD APIs', 'Optional QA routines', and 'Optional visualisations'.

TYPO3 with
Cultural Heritage
Framework

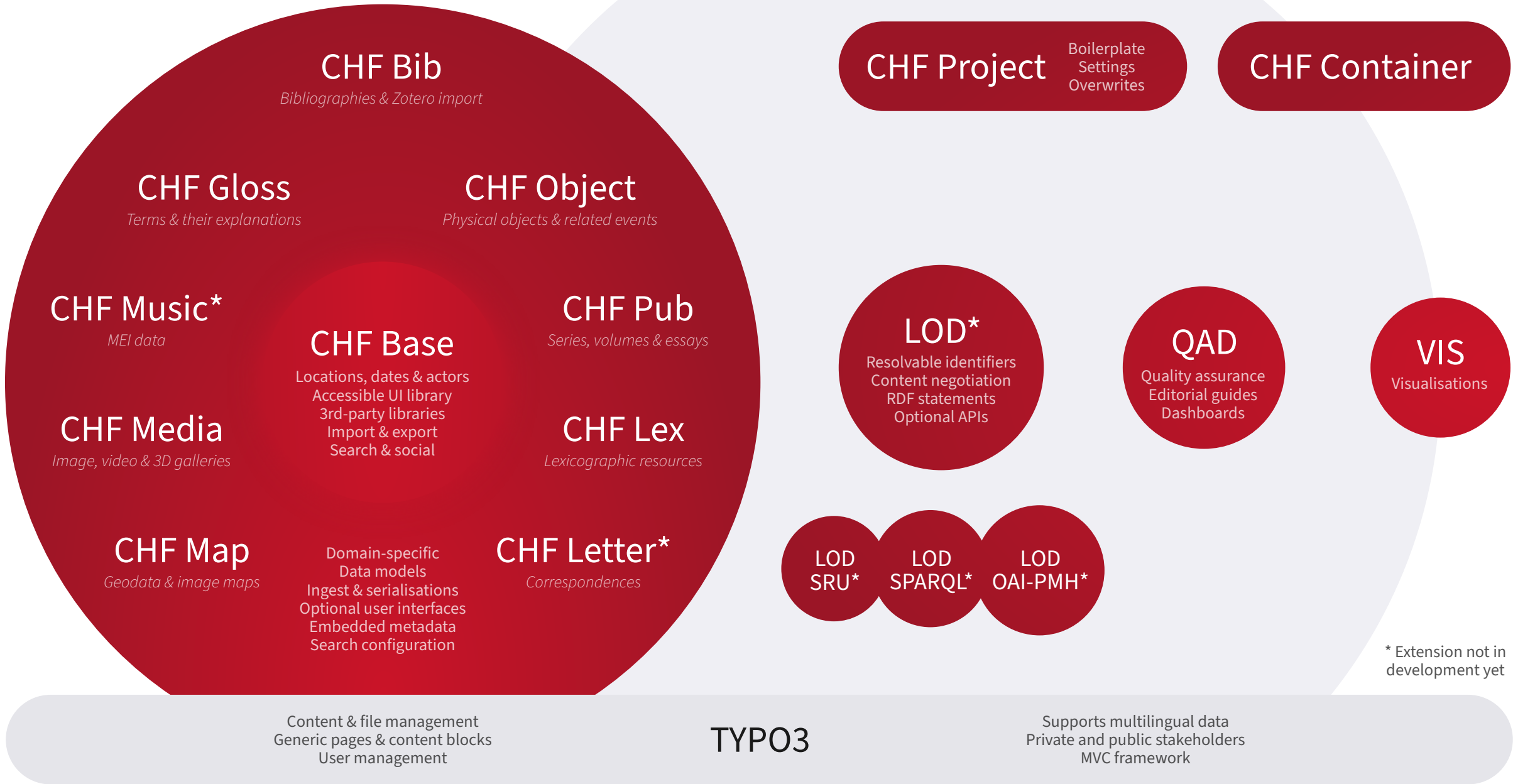
Optional automated
ingest routines

Data models Editing Serialisations User interface Embedded metadata Search Social

Project-specific overwrites

Optional LOD APIs Optional QA routines Optional visualisations

COMPONENTS

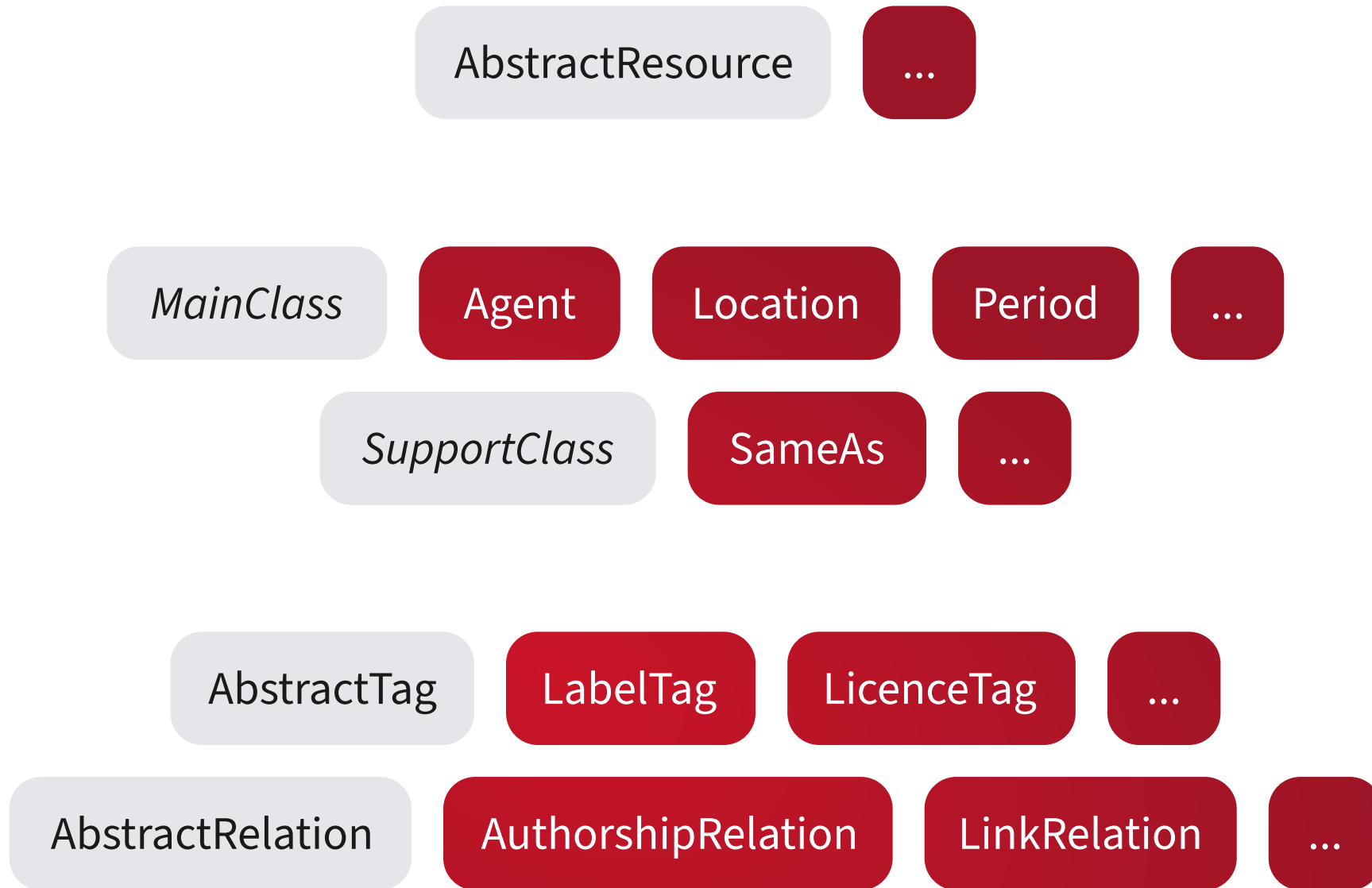


EXTENSIONS



TABLES





RELEASE STRATEGY

DEVELOP	CHF Base
	CHF Gloss
	CHF Bib
	CHF Map
	CHF Lex
	CHF Project
PLAN	CHF Media
	CHF Object
	CHF Pub
	CHF Container
	LOD
	QAD
	VIS
	CHF Letter
	CHF Music
	LOD SRU
	LOD SPARQL
	LOD OAI-PMH

EXTEND	CHF Base
	CHF Gloss
	CHF Bib
	CHF Map
	CHF Lex
	CHF Project
DEVELOP	CHF Media
	CHF Object
	CHF Pub
	CHF Container
PLAN	LOD
	QAD
	VIS
	CHF Letter
	CHF Music
	LOD SRU
	LOD SPARQL
	LOD OAI-PMH

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