



# 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](https://github.com/digicademy-chf)

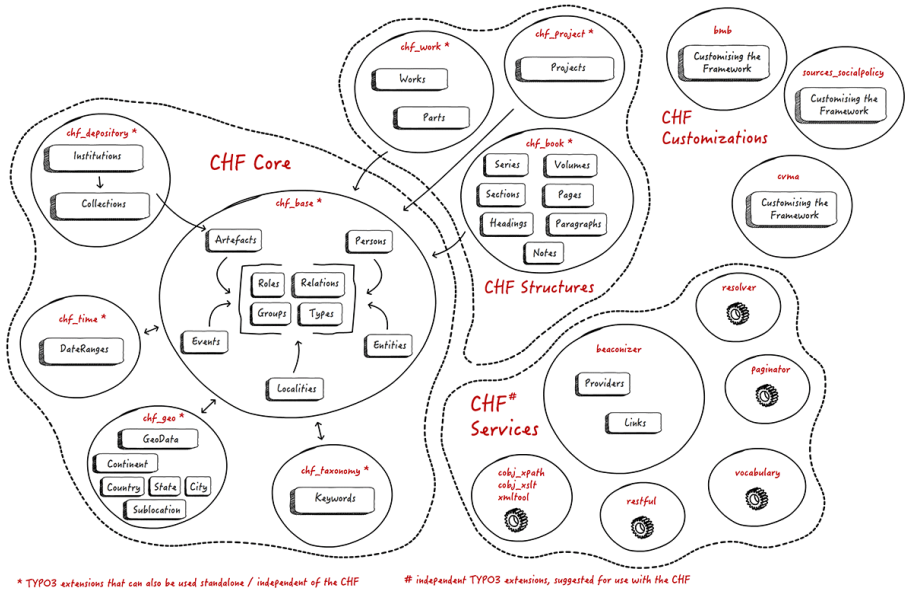
Originally developed for the Dictionary of Surnames and the Corpus Vitrearum

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

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 blue circle containing the text 'TYPO3 with Cultural Heritage Framework'. An arrow points from the text 'Optional automated ingest routines' to the right side of this central circle. Below the central 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'. At the bottom of the diagram are three text elements: 'Optional LOD APIs', 'Optional QA routines', and 'Optional visualisations'. The entire diagram is set against a background of overlapping light blue and white curved shapes.

TYPO3 with  
Cultural Heritage  
Framework

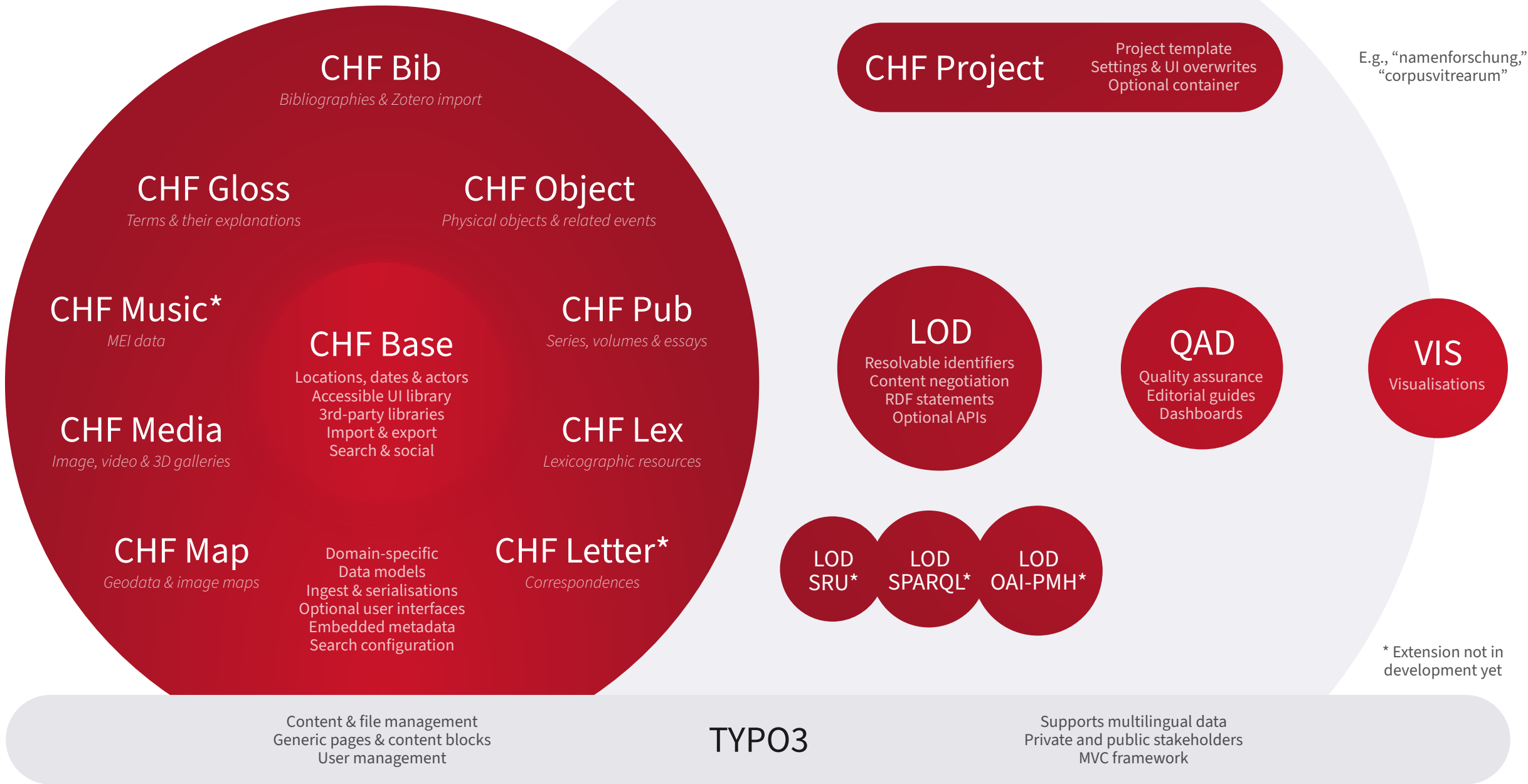
Optional automated  
ingest routines

Data models   Editing   Serialisations   User interface   Embedded metadata   Search   Social

Project-specific overwrites

Optional LOD APIs   Optional QA routines   Optional visualisations

COMPONENTS

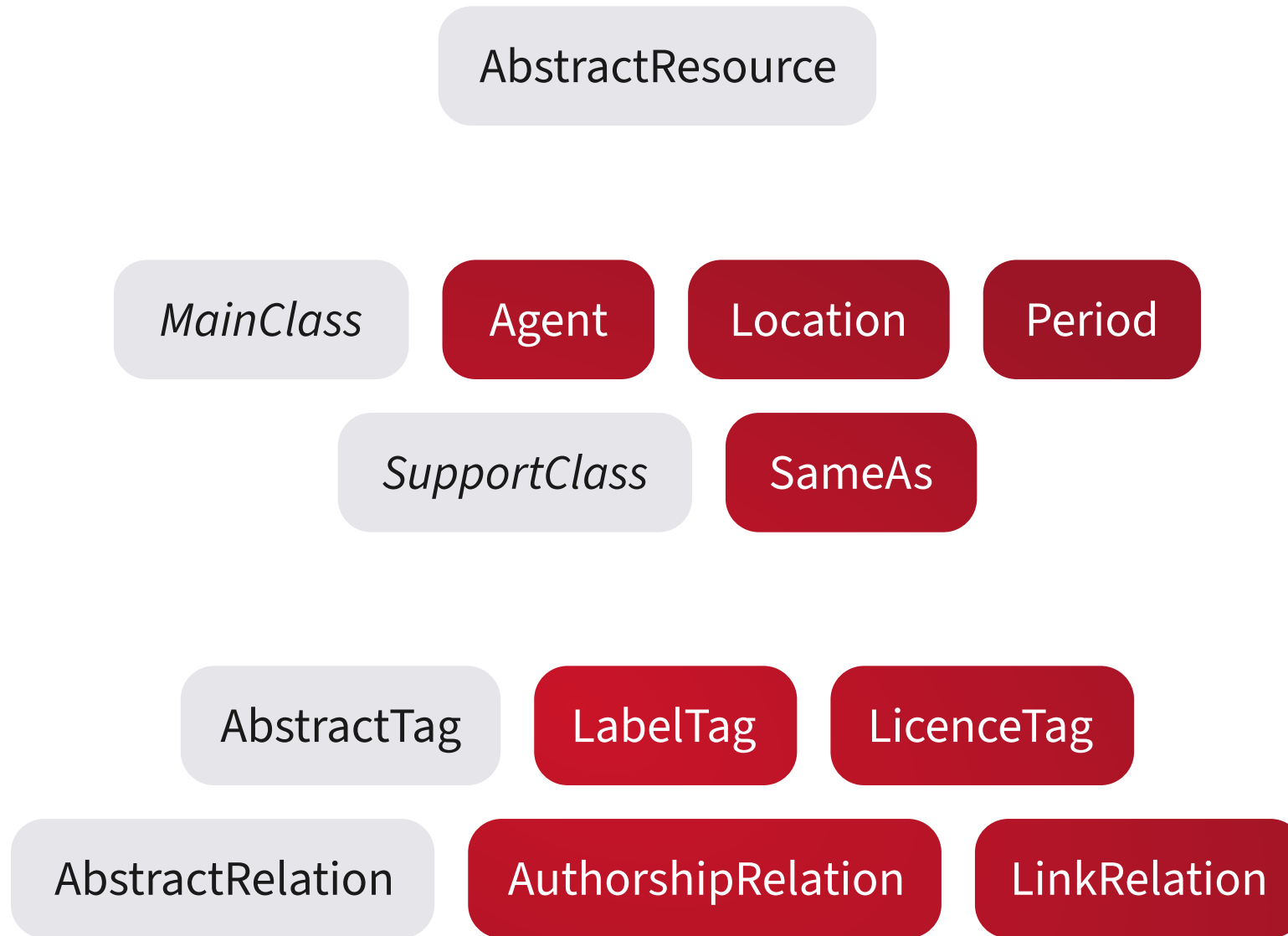


EXTENSIONS



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  
CHF Bib  
CHF Map  
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CHF Project

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CHF Object  
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