Cultural Heritage Framework 2

Digital Academy

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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

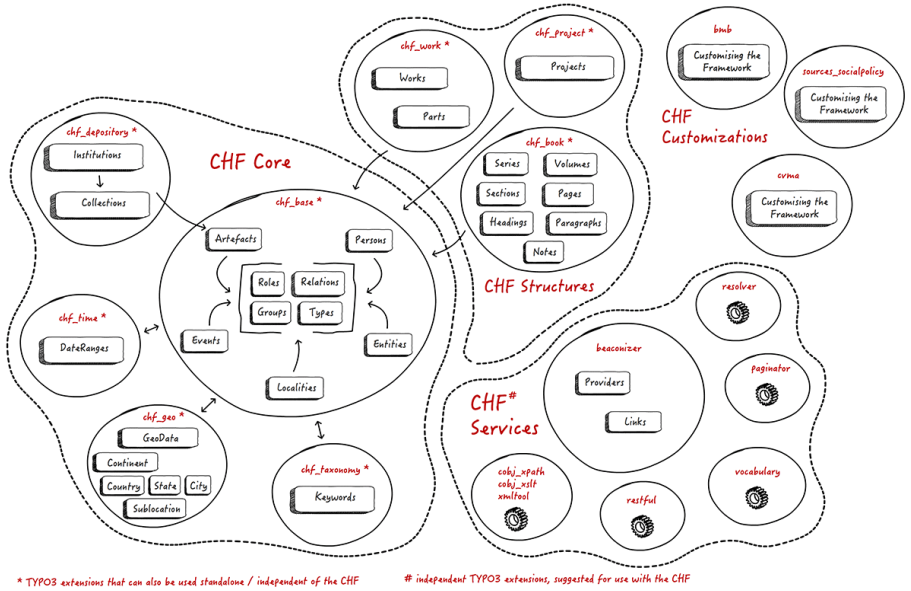
Originally developed for the **Dictionary of Surnames** and the **Corpus Vitrearum**

Designed to be useful for various types of **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, usability and accessibility first



2017 CHF concept by Torsten Schrade

WissKI

Wikibase Suite

Kitodo

TEI Publisher

Omeka

Ediarum

MerMEId

Lexonomy

CollectiveAccess

Arches

Edirom

Environment

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

Accessibility

Semantic annotation and search
Screenreader-ready interfaces
No vendor lock-ins

Interested public

Responsive design
In-text glossaries
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

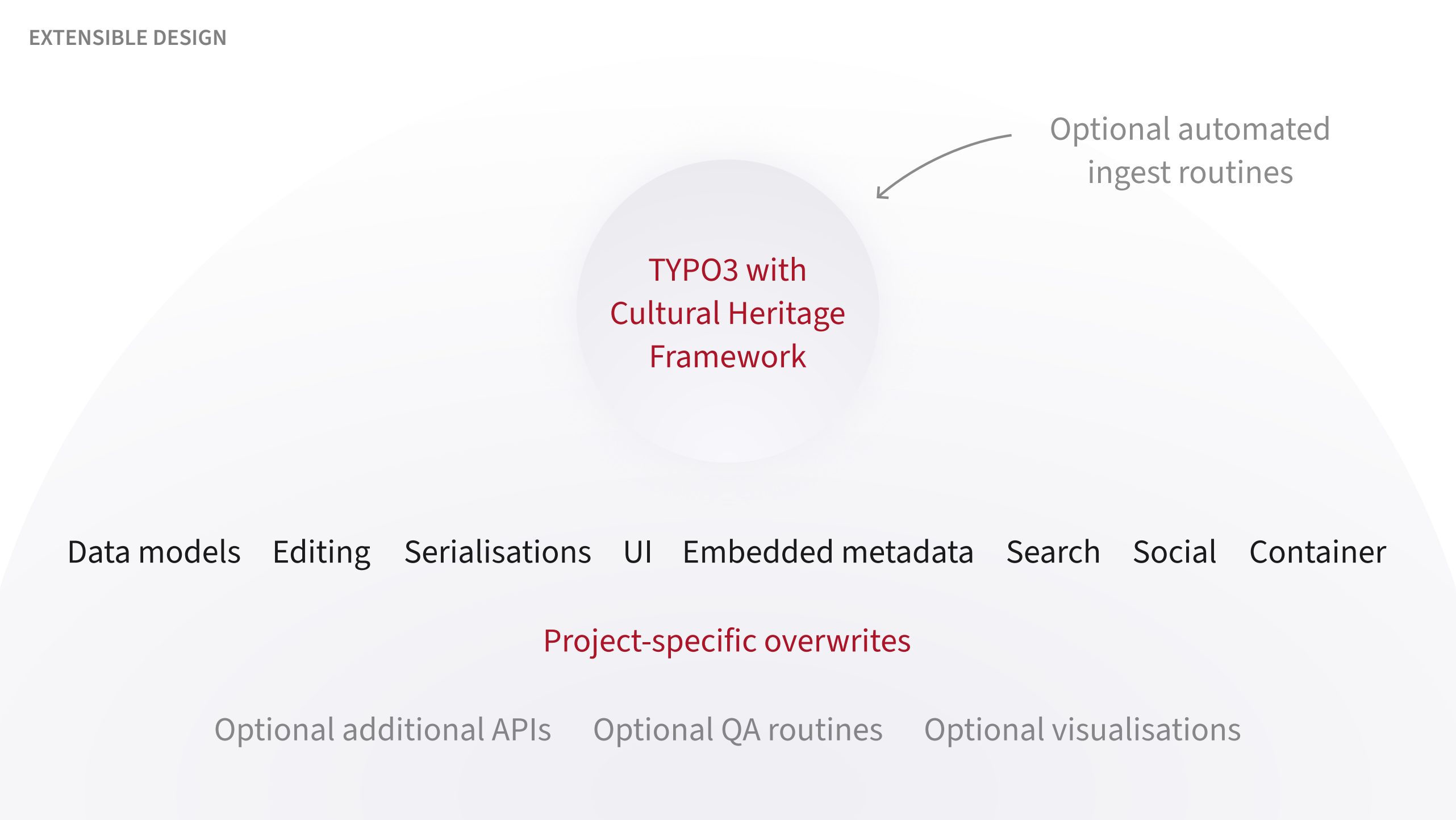
Maintainable for newbies
Simple code beats elegant code
Documentation & education

Software stack

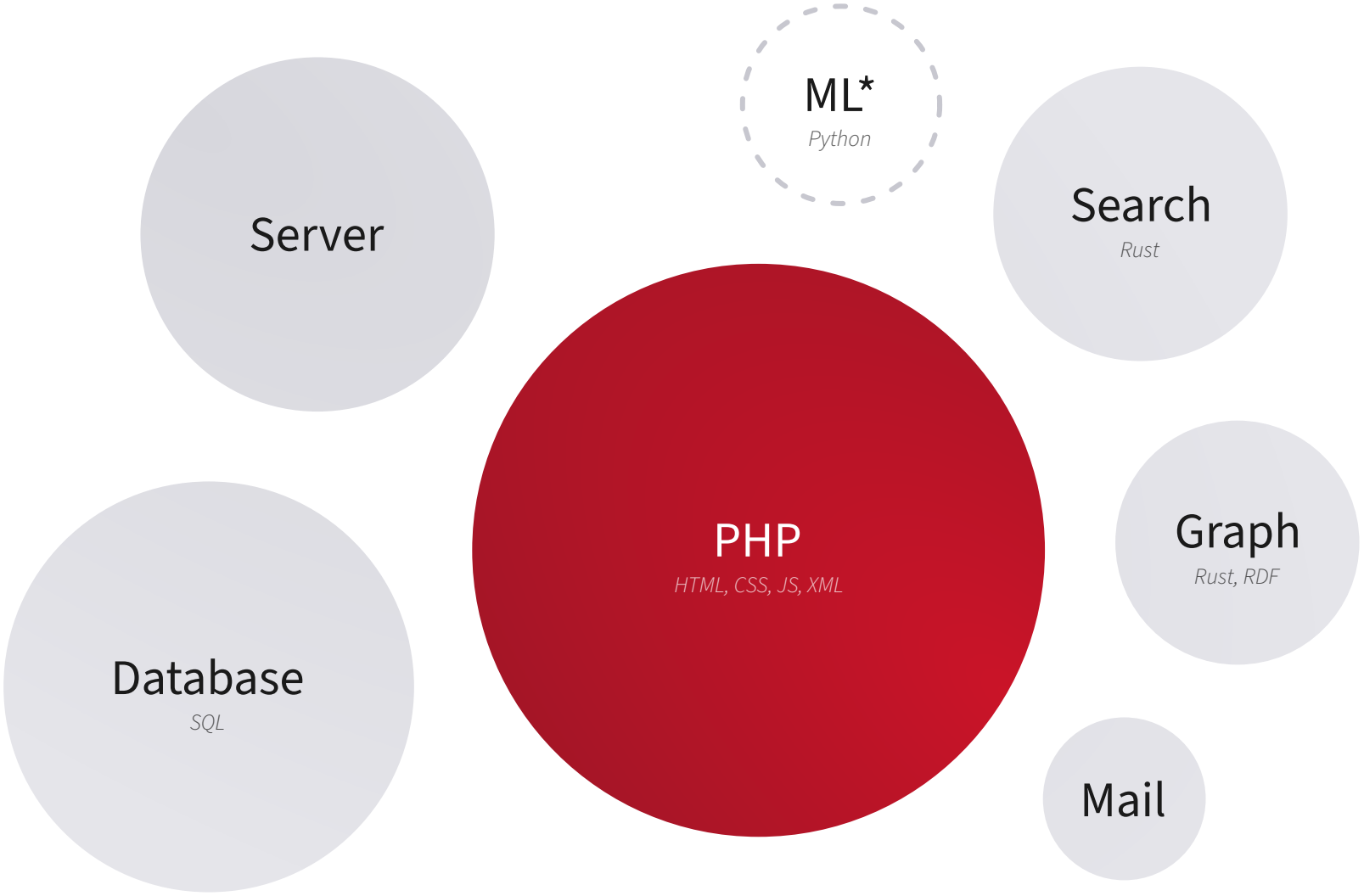
Stay up to date
Act in good faith & contribute
Engage with the community

Bad-faith actors

Compatible to DoS protection
Download availability
Containerisation

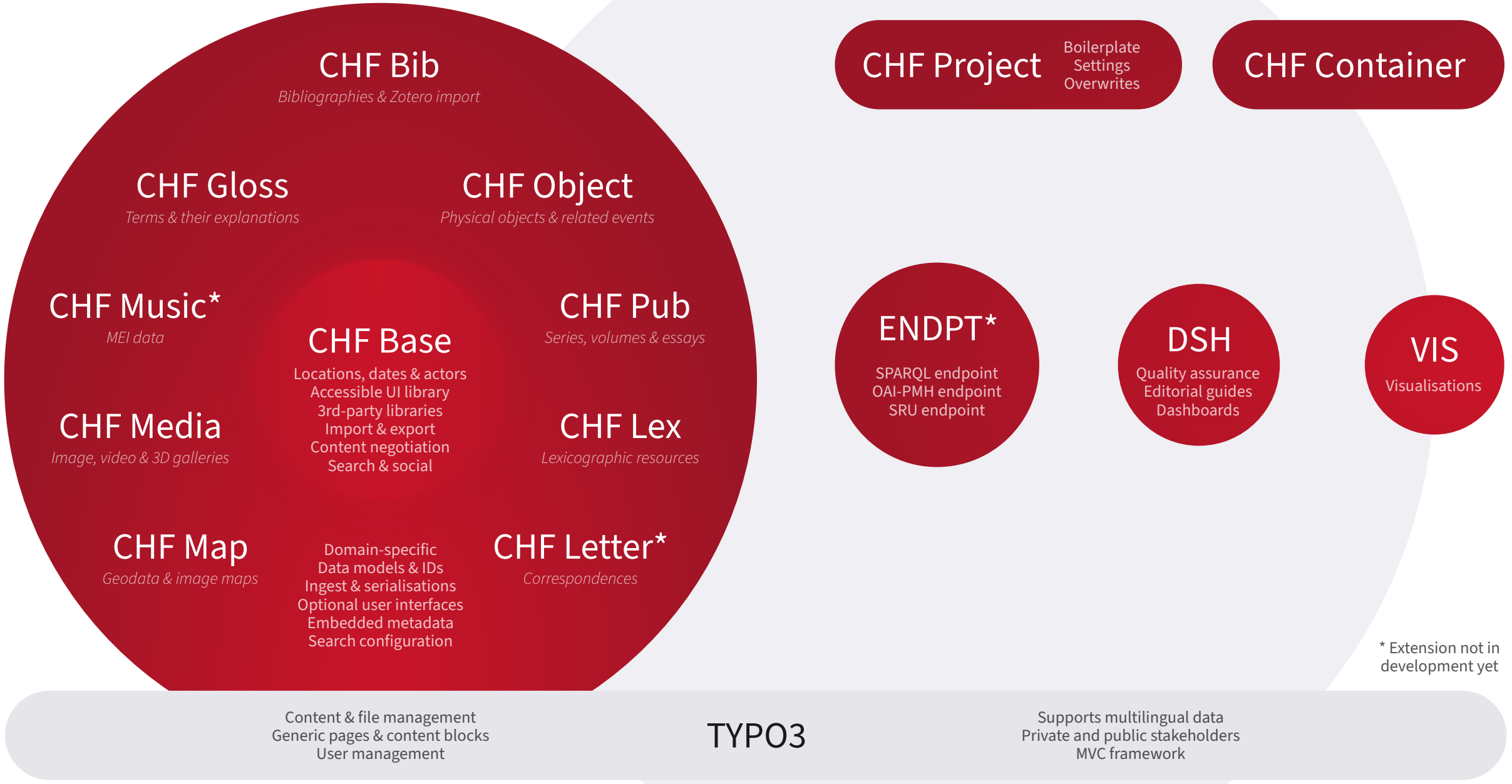

Optional automated
ingest routines
TYPO3 with
Cultural Heritage
Framework
Data models
Editing
Serialisations
UI
Embedded metadata
Search
Social
Container
Project-specific overwrites
Optional additional APIs
Optional QA routines
Optional visualisations

CONTAINERS

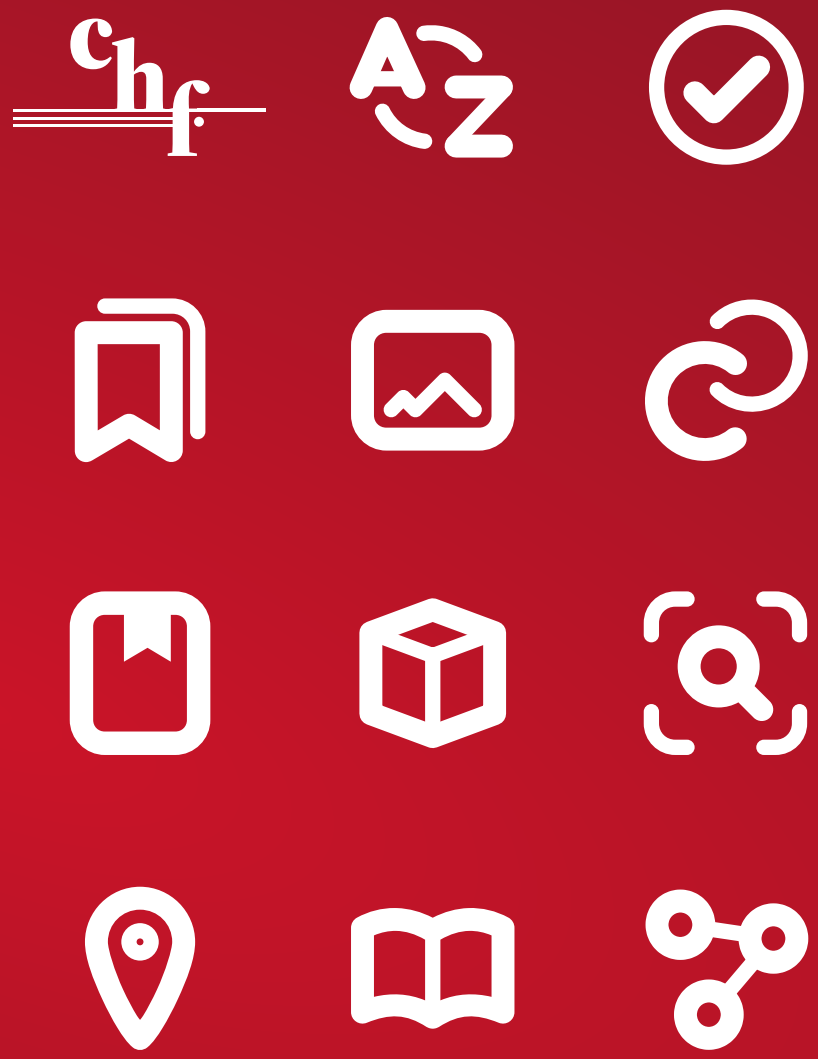


* Container not implemented yet

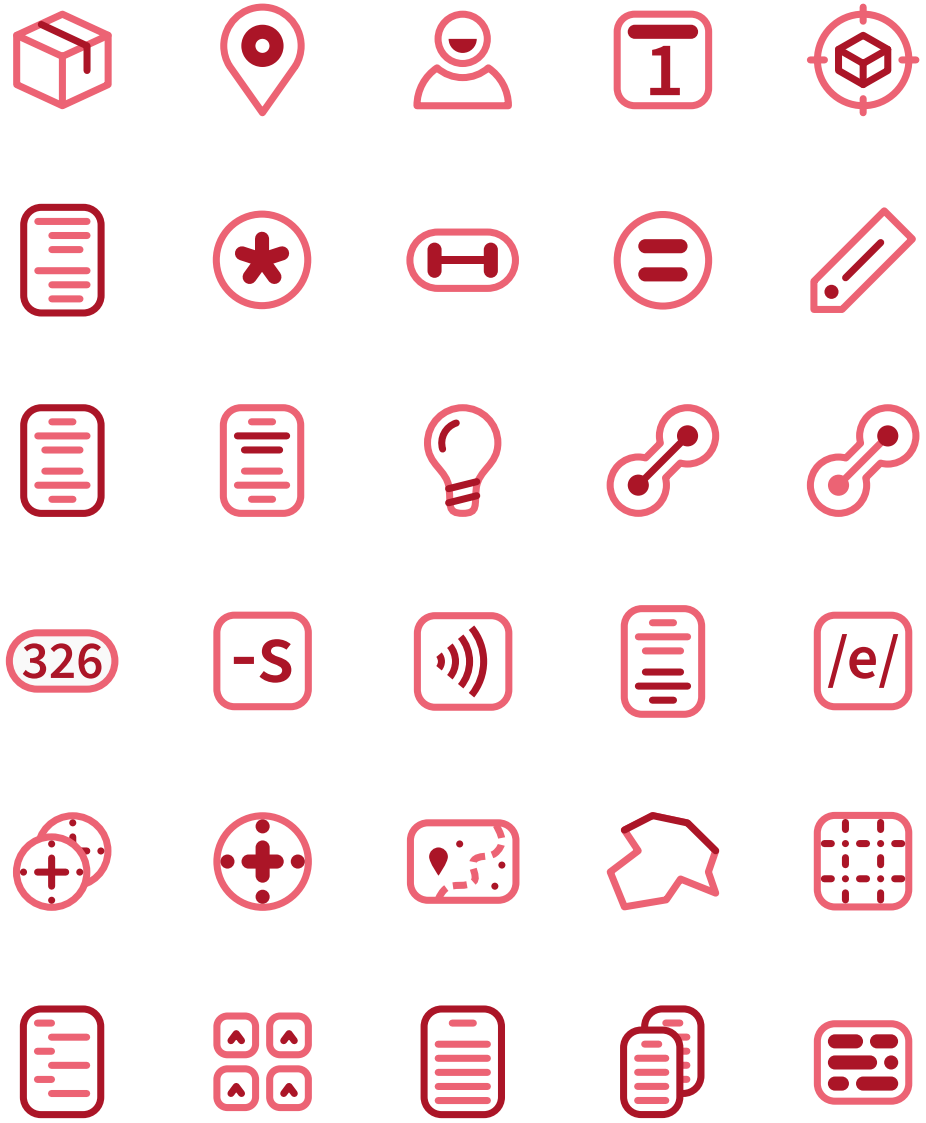
TYPO3 EXTENSIONS

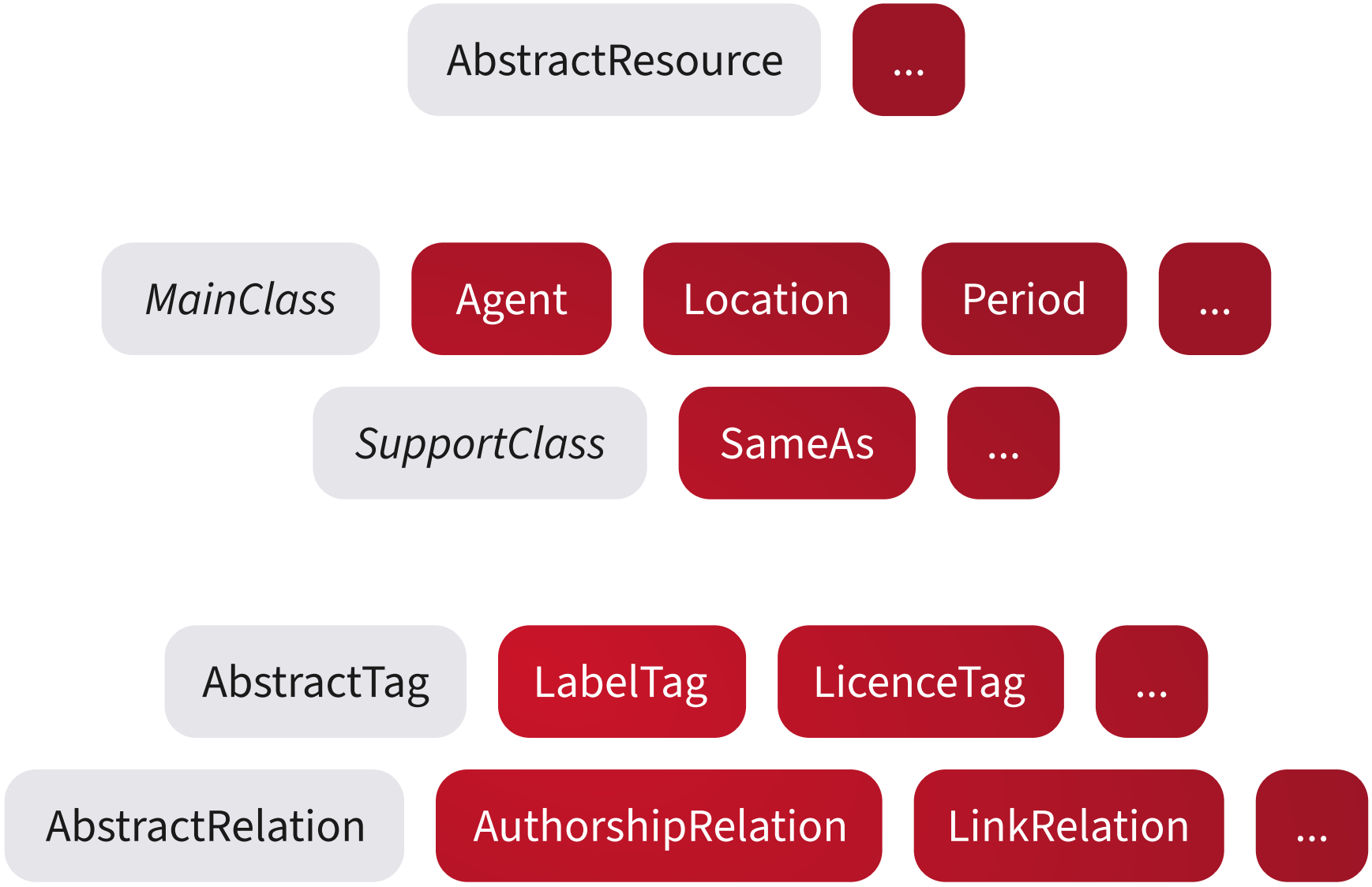


EXTENSIONS



TABLES




AbstractResource
...
MainClass
Agent
Location
Period
...
SupportClass
SameAs
...
AbstractTag
LabelTag
LicenceTag
...
AbstractRelation
AuthorshipRelation
LinkRelation
...

DEVELOPMENT

ALPHA
- CHF Base
- CHF Bib
- CHF Gloss
- CHF Lex
- CHF Map
- CHF Media
- CHF Object
- CHF Pub
- CHF Project
- CHF Container

- ENDPT
- DSH
- VIS

- CHF Letter
- CHF Music

BETA
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ALPHA
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RELEASE
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- CHF Gloss
- CHF Lex
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