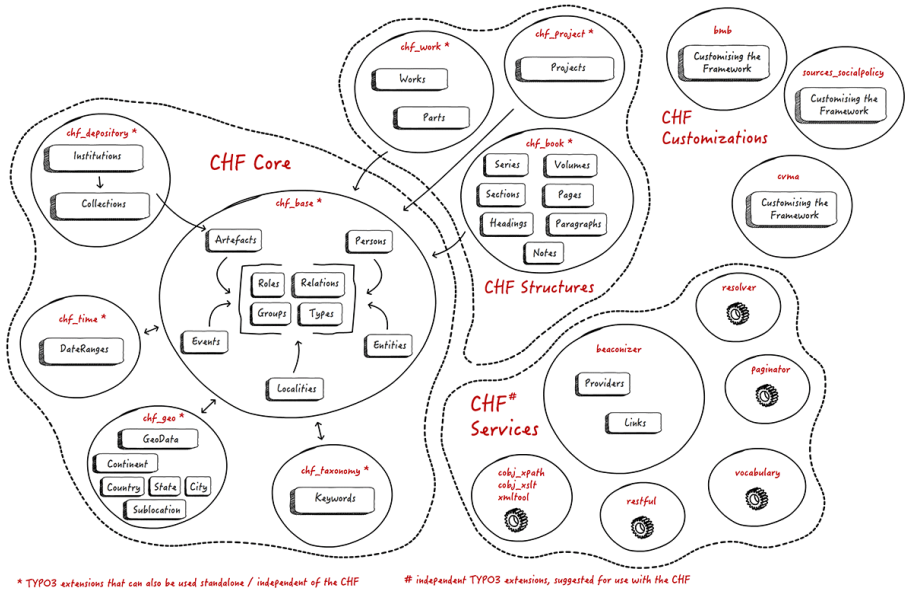




Cultural Heritage Framework 2

OTHER OPEN-SOURCE PORTAL/EDITING SOLUTIONS



* 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

CULTURAL HERITAGE 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

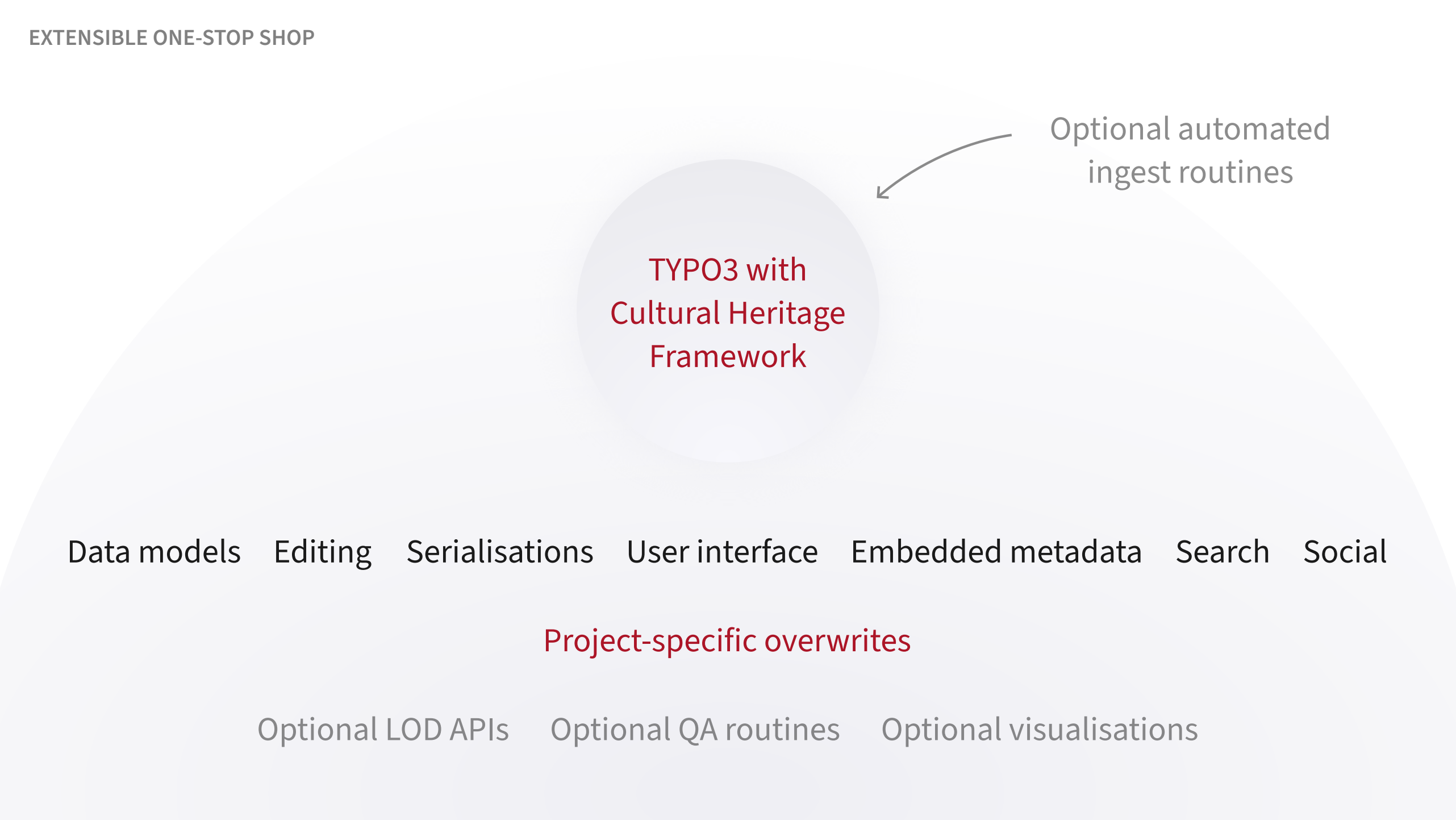
Data licences
Privacy
Limited telemetry

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 the architecture of the TYPO3 Cultural Heritage Framework. At the center is a light purple circle containing the text 'TYPO3 with Cultural Heritage Framework'. An arrow points from the text 'Optional automated ingest routines' to this central circle. Below the circle, a horizontal row of seven text elements is displayed: '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, three text elements are listed: 'Optional LOD APIs', 'Optional QA routines', and 'Optional visualisations'. The entire diagram is set against a background of overlapping light purple and grey circular 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

CHF Bib

Bibliographies & Zotero import

CHF Gloss

Terms & their explanations

CHF Object

Physical objects & related events

CHF Project

Project template
Settings & UI overwrites
Optional container

E.g., “namenforschung,”
“corpusvitrearum”

CHF Music*

MEI data

CHF Pub

Series, volumes & essays

CHF Base

Locations, dates & actors
Accessible UI library
3rd-party libraries
Import & export
Search & social

LOD

Resolvable identifiers
Content negotiation
RDF statements
Optional APIs

QAD

Quality assurance
Editorial guides
Dashboards

VIS

Visualisations

CHF Media

Image, video & 3D galleries

CHF Lex

Lexicographic resources

CHF Map

Geodata & image maps

CHF Letter*

Correspondences

Domain-specific
Data models
Ingest & serialisations
Optional user interfaces
Embedded metadata
Search configuration

LOD
SRU*

LOD
SPARQL*

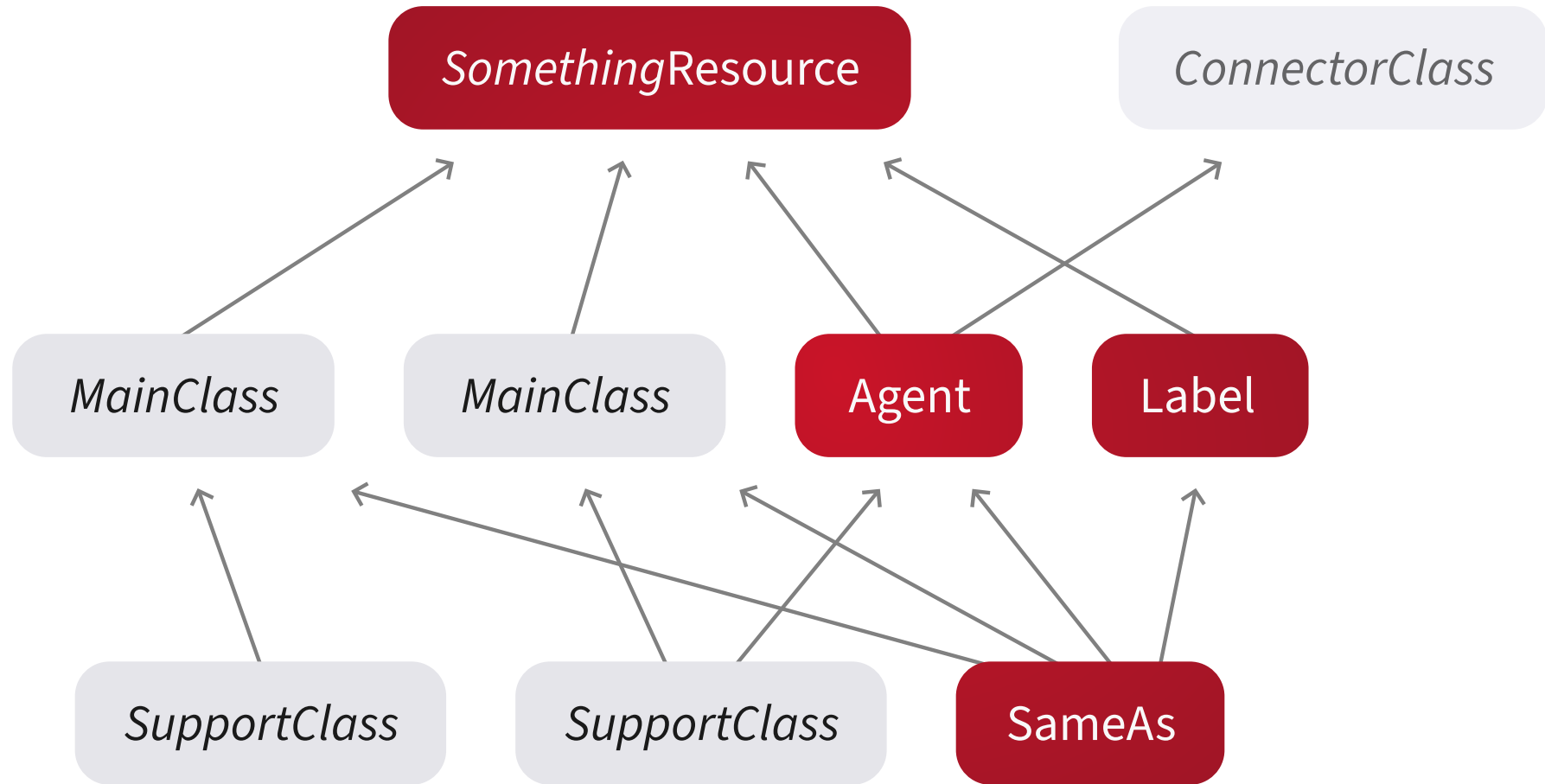
LOD
OAI-PMH*

* Extension not in
development yet

Content & file management
Generic pages & content blocks
User management

TYPO3

Supports multilingual data
Private and public stakeholders
MVC framework



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
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