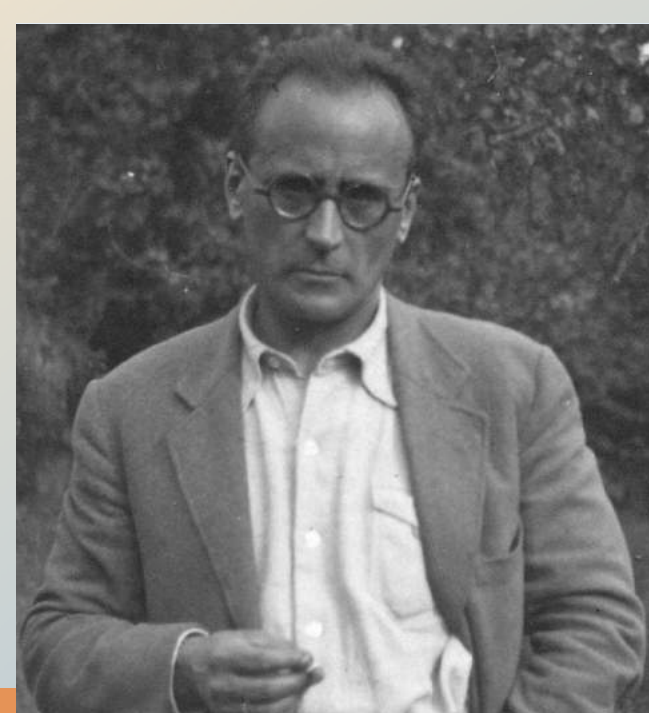


A MUSICOLOGICAL EDITION IN A VIRTUAL ENVIRONMENT

Integrating the Anton Webern Gesamtausgabe in Knora*/SALSAH**

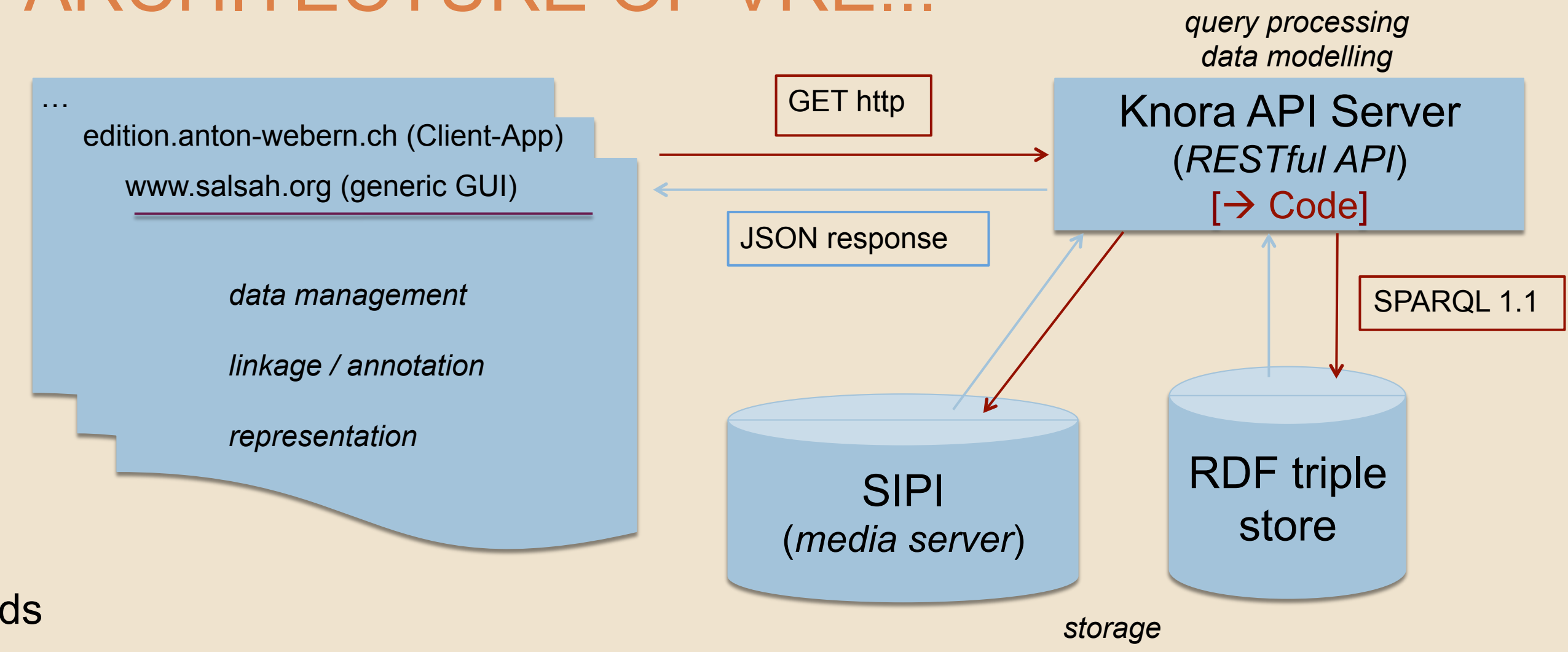
*Knowledge Organization, Representation, and Annotation **System for Annotation and Linkage of Sources in Arts and Humanities

- ◇ open, distributed & customizable system
- ◇ based on current (semantic) web standards (HTML5, AJAX, RDF, SPARQL 1.1)
- ◇ allows for the production, processing, linking, and presentation of research data in the same environment
- ◇ use of established ontologies (Dublin Core, FOAF etc.), complemented by project specific vocabularies
- ◇ allows for multi-state administration of user access rights for every single annotation as well as for content versioning
- ◇ enables cross-disciplinary collaborative work, regardless of location
- ◇ embedding of multimedia content (facsimile, video, audio, text, transcriptions)

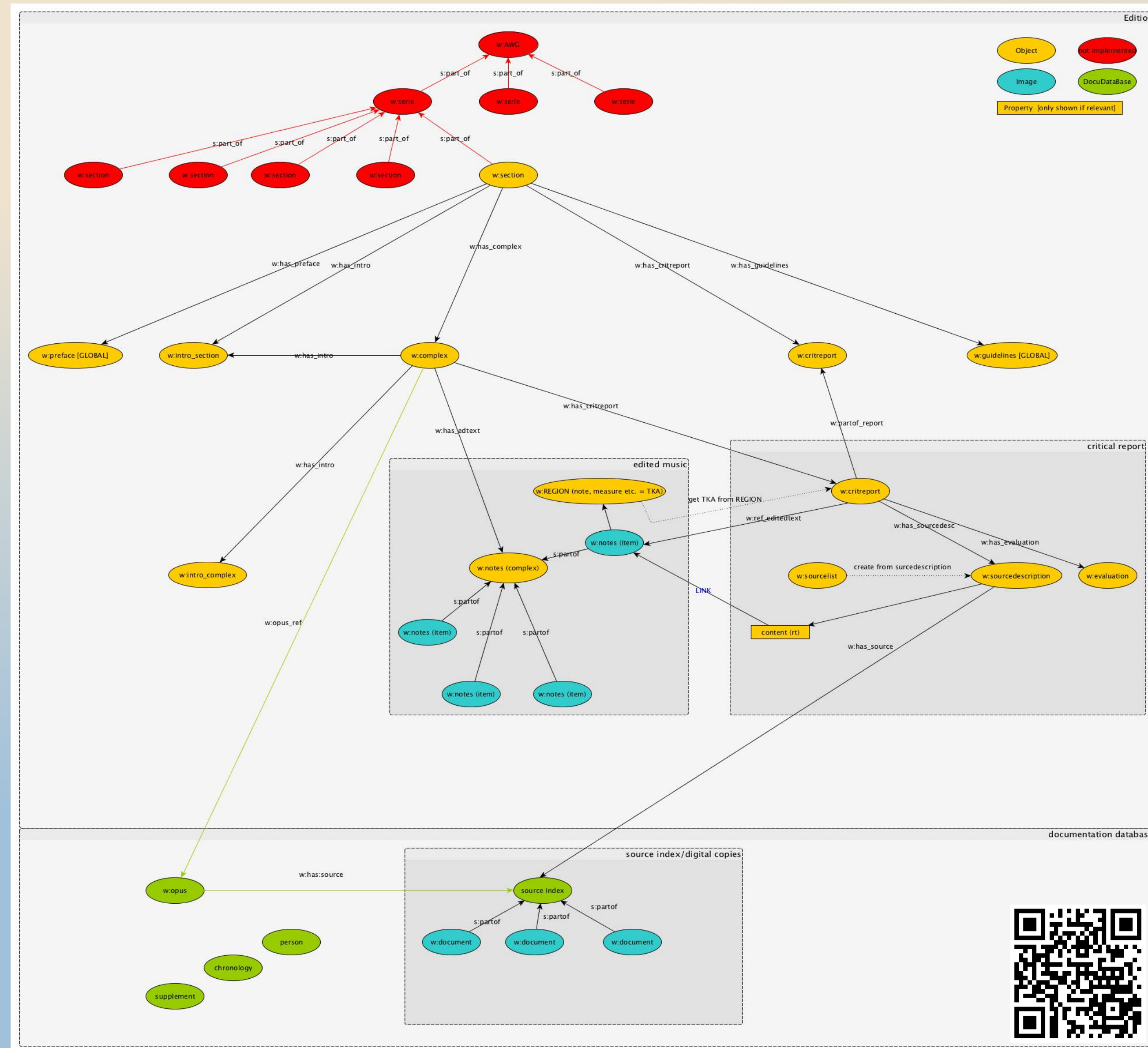


Austrian composer Anton Webern (1883–1945), member of the 'inner circle' of the so-called Second Viennese School evolving around Arnold Schönberg, had caused an uproar, prior to World War I, with his 'free atonal' compositions, before developing a specific and radical type of the twelve-tone method in the 1920s. His works, frequently tending towards aphoristic brevity, stand out due to their lyrical character and had a great influence on later generations of composers (Darmstädter Ferienkurse, New York School).

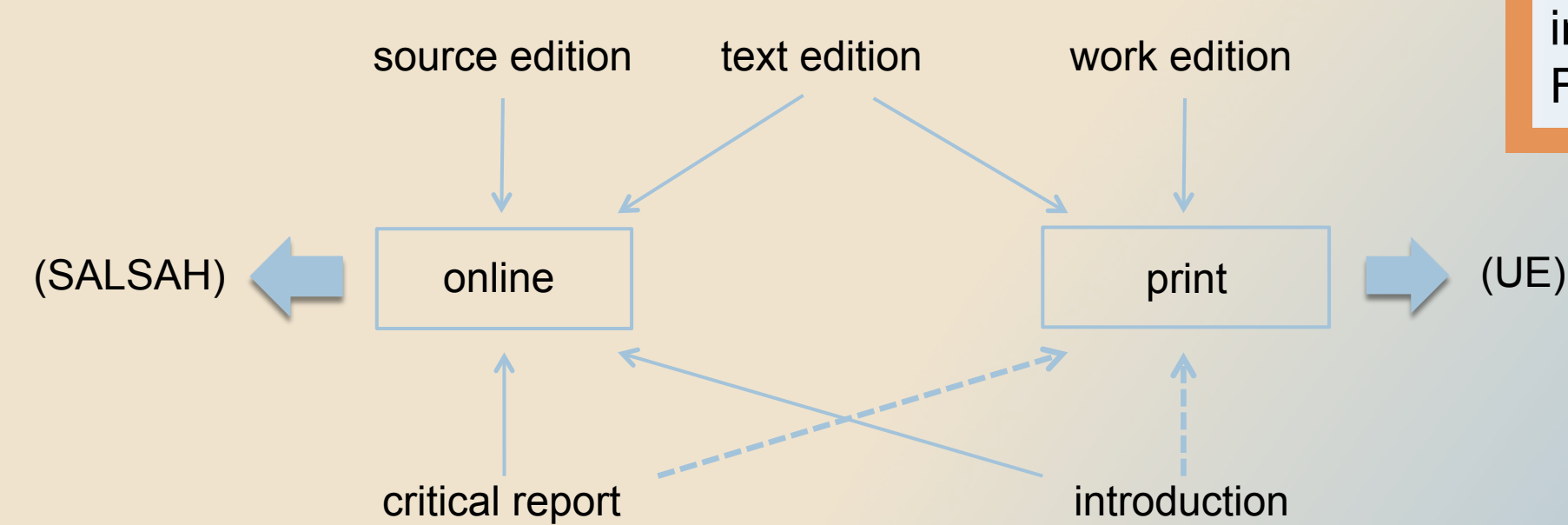
ARCHITECTURE OF VRE...



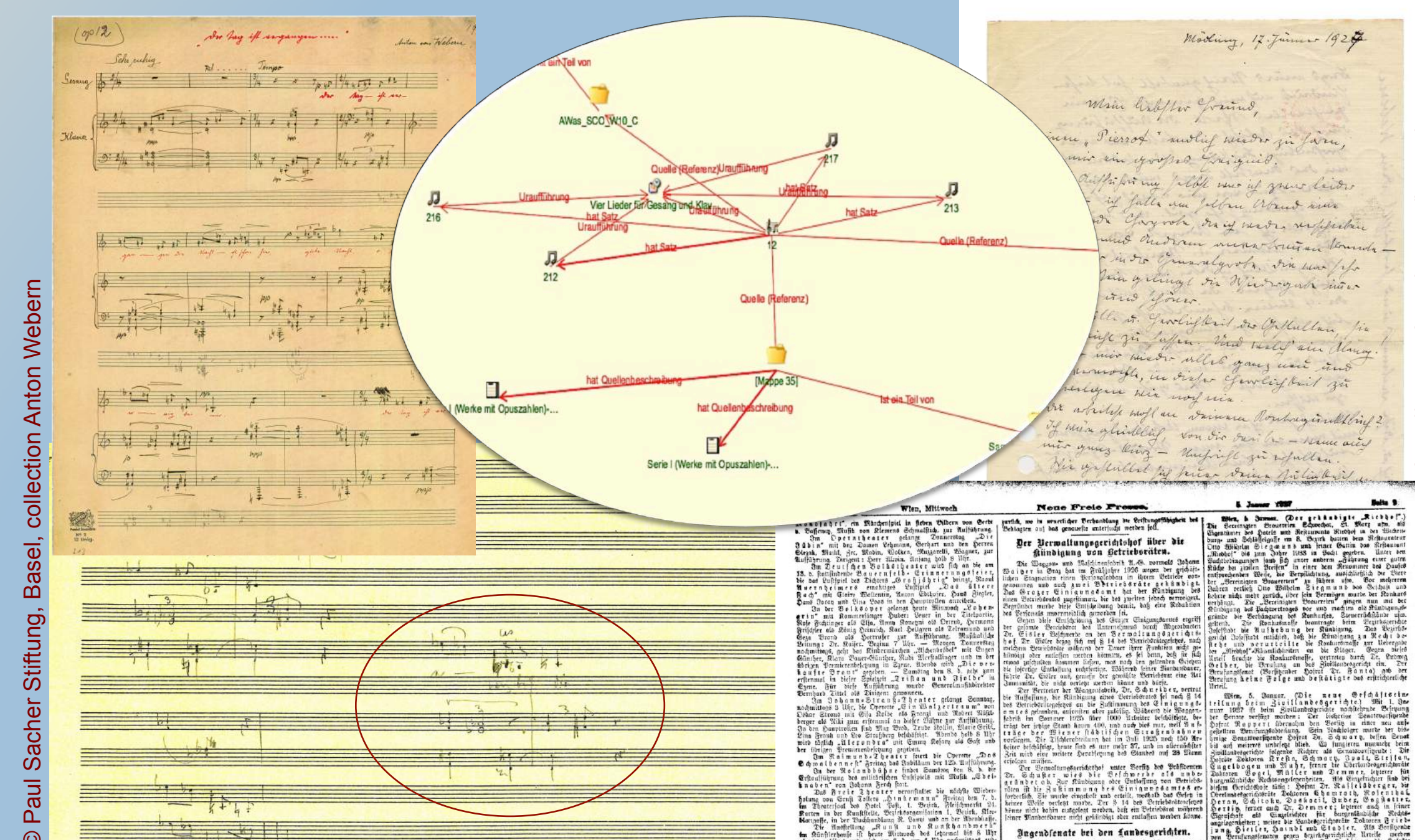
... & OF WEBERN PROJECT



USE CASES:



Source archive & documentation database



With nearly 9.000 entries in SALSAH the AWG has the world's largest systematic collection of digital sources relating to Anton Webern. This includes not only the actual scores, drafts, and related musical material (approx. 3600 high-resolution facsimiles) but also letters, diaries, and source lists. Sequenced in the original order of the real physical collections this 'virtual' source material is supplemented by biographical, chronological and other background information. Thus, they are contextualized with newspaper articles, concert programs and letters of third persons. They can also be linked to external (via the Internet reachable and referenced) repositories. While the digital copies are currently available for internal use only, the documented knowledge gained from these sources has already been made available for further research via simple and advanced search features.

As historical-critical edition which aims to make Webern's entire oeuvre (including unpublished variants, fragments, sketches etc.) accessible to musical scholarship and practice in a scholarly form, the Anton Webern Gesamtausgabe (AWG) will be released as of 2016 in a Hybrid Print-Online Edition (printed volumes by Universal Edition, Vienna; online accessible parts via Knora/SALSAH). Therefore, the virtual research environment Knora/SALSAH is used by the Anton Webern Gesamtausgabe in various ways:

Tool for philological work

Identifier of a sketch: linked to critical report in the online edition
[Anton Webern op. 12, Au:Sk1/5]

Signum referring to another sketch: linked to edition of this sketch in the online edition (and vice versa)

Signum referring to another sketch: linked to edition of this sketch in the online edition (and vice versa)

The different sections of the edition to be created as digital (sub-)objects in SALSAH are hierarchically linked and set in semantic relationships. For example, the edited musical text and the critical report are subobjects of the main object Edition, while introduction/genesis, overview, description and critical commentaries are subobjects of the critical report object (analogous to the structure of the printed volumes). Ultimately, all sections of the critical report and the edited musical text (currently: Finale files / SVG graphics; medium term implementation of MEI format scheduled) should be generated, edited and published directly within the VRE. Likewise, a conversion into various output formats (e.g. a printable version of the critical report, XML formats) will be possible. A current prototype of the prospected online edition is available at [→ Prototype].

Questions 2

MEI-Community

Starting point:

Finale files for sketches & variants (with various complex manipulations, e.g. insertions, deletions, otherwise marked passages or graphic additions)

valid MusicXML
↓ musicxml2mei XSLT
valid MEI format

workflow? → rendered complex SVG

("ON THE FLY")
Verovio, MEItoVexFlow, MEISE, others?

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Related links:

- [Code] <https://github.com/dhlab-basel/Knora>
- [VRE] <http://www.salsah.org>
- [Project] <http://www.anton-webern.ch>
- [Prototype] <http://edition.anton-webern.ch>

