

SEMANTIC MODELLING OF VIDEO ANNOTATIONS THE TIB AV-PORTAL'S METADATA STRUCTURE

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// THE TIB AV-PORTAL

14,000+ SCIENTIFIC VIDEOS ONLINE

- » Est. 2014
- » Automatic video analysis & metadata extraction
- » Reliable hosting and long term preservation
- » Reliable and precise citation with DOI & MFID
- » Semantic search
- » Legally compliant publishing
- » Mostly open access licenses

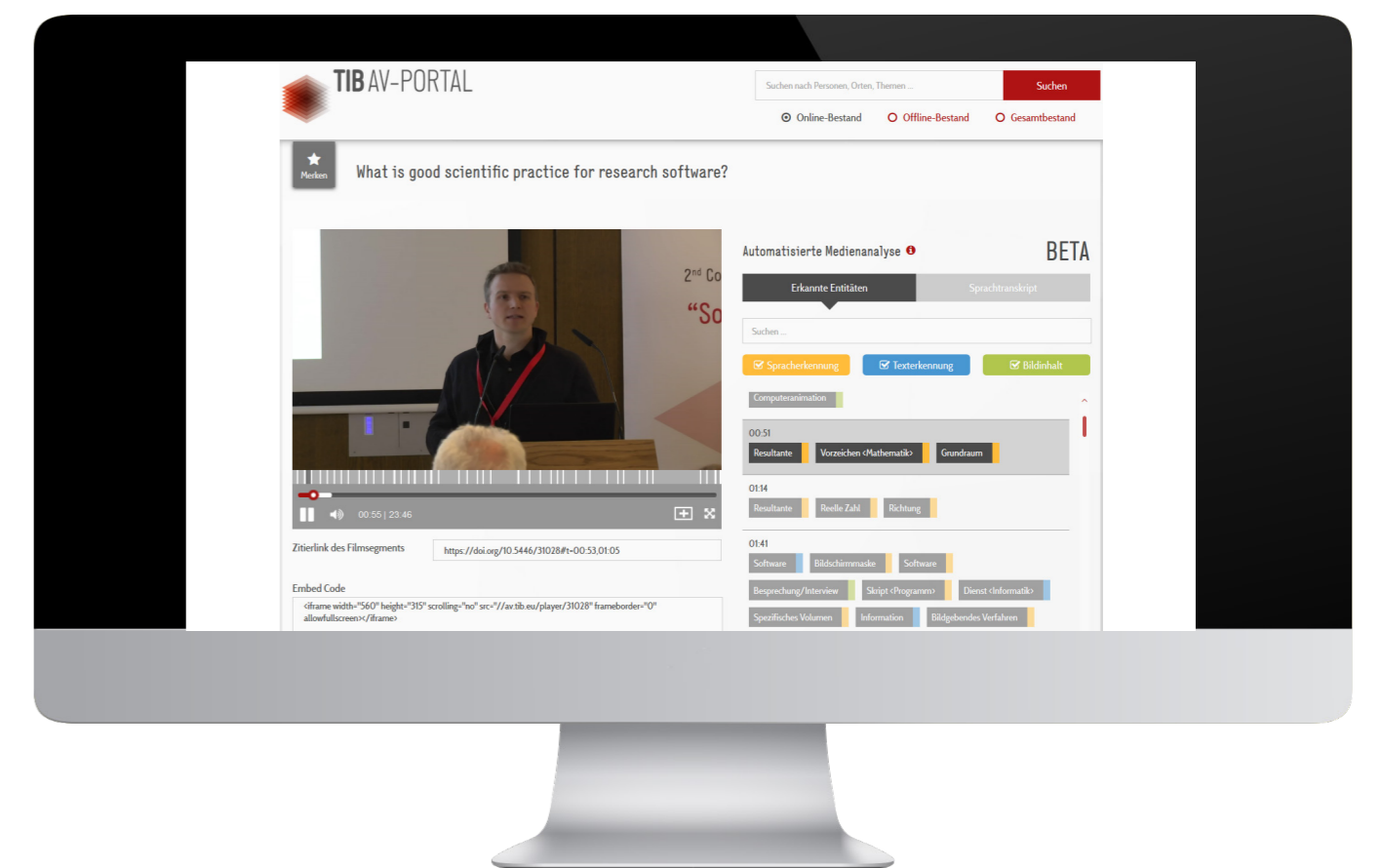
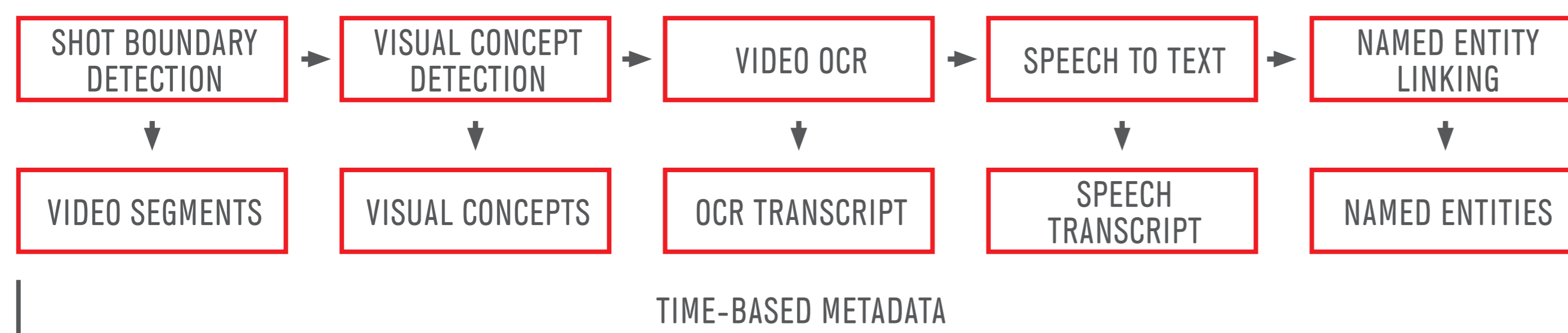
// LINKED DATA

- » Extracted & time-based metadata
- » RDF triples
- » Basis: Open Annotation Data Model (W3C)
- » Knowledge bases: GND & DBpedia
- » Open Data („RDF dumps“ with CCO license)

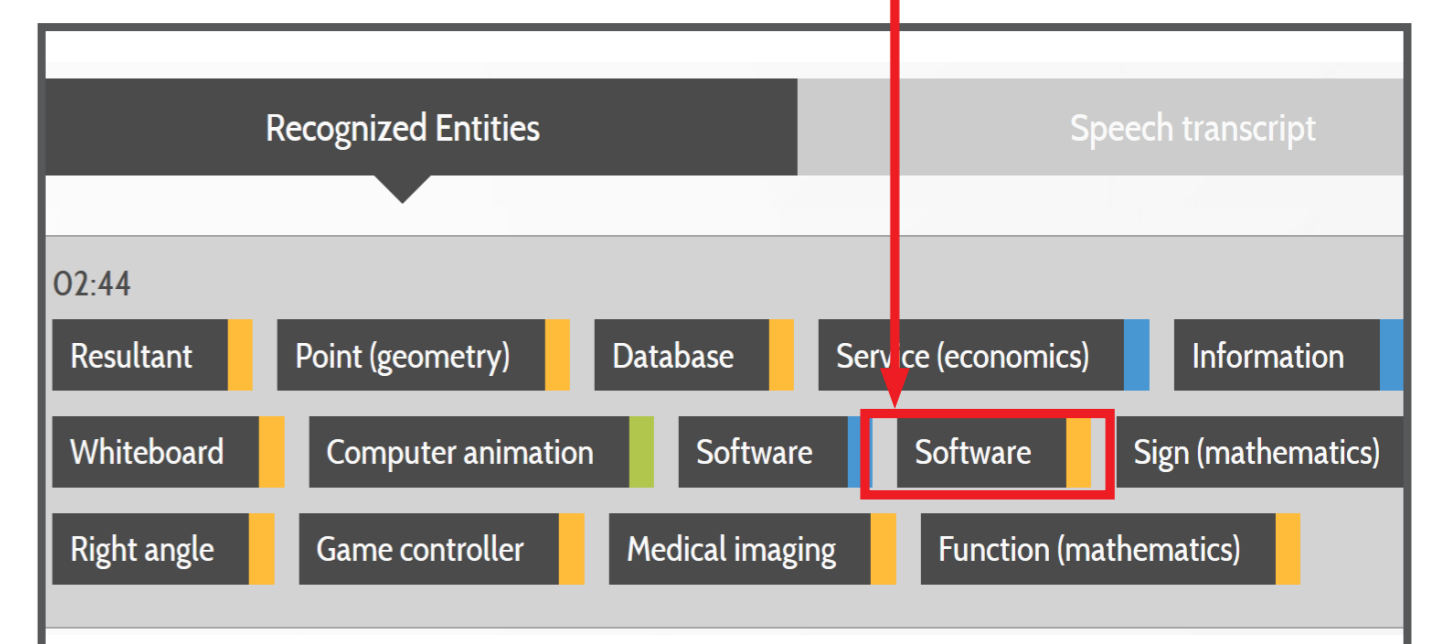
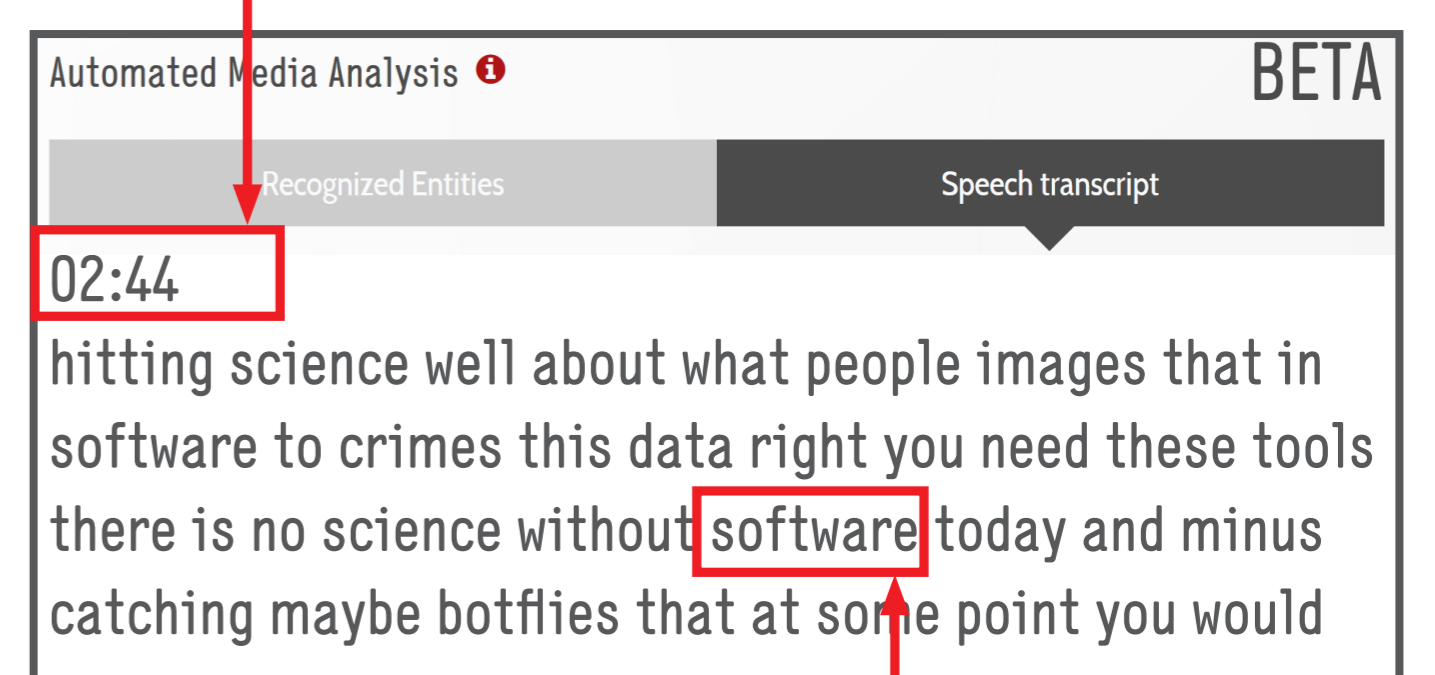
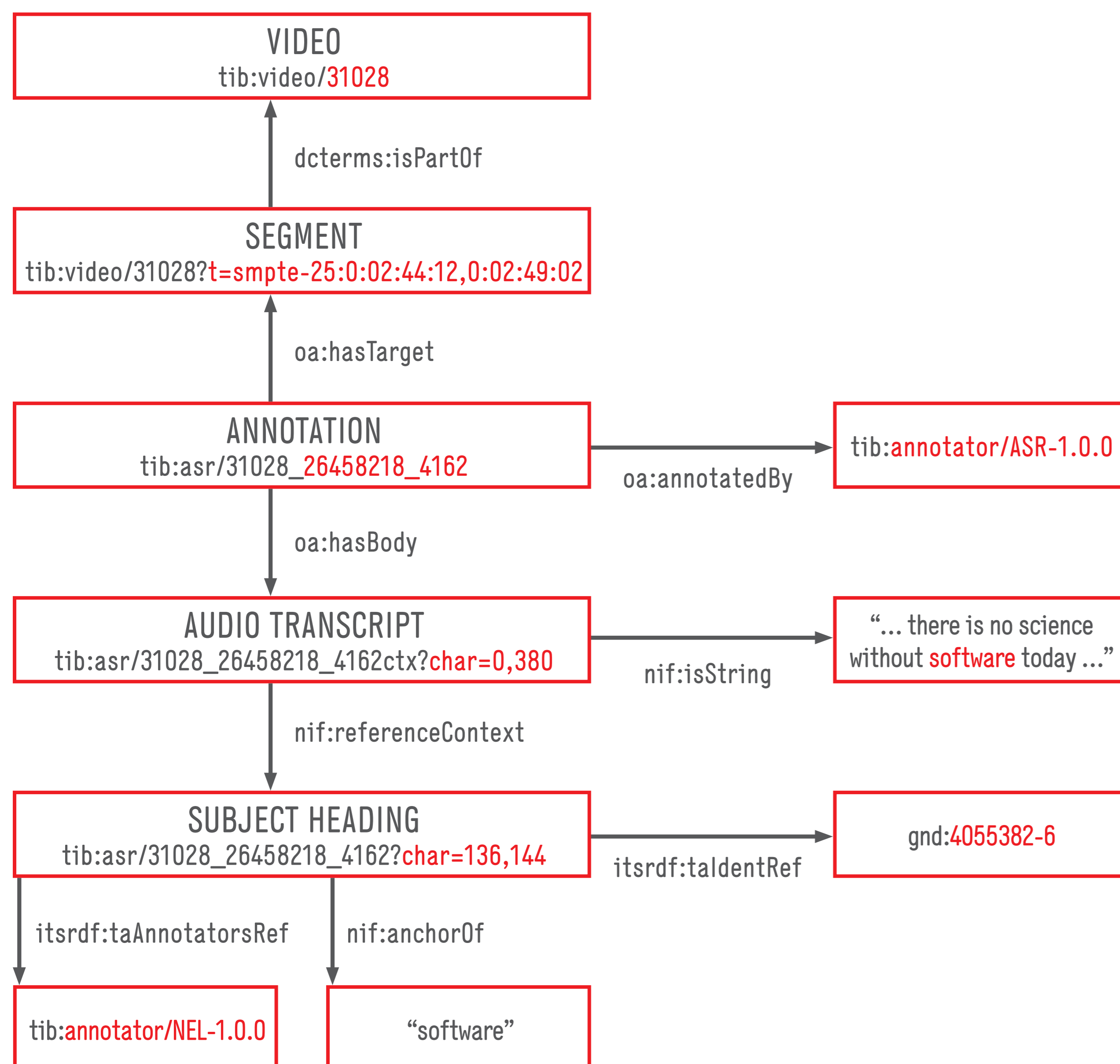
// STANDARD VOCABULARIES

- » bibframe // Bibframe Vocabulary
- » dcterms // DCMI Metadata Terms
- » foaf // Friend of a Friend Vocabulary
- » gnd // German Integrated Authority File
- » tib // TIB AV-Portal Resources
- » itsrdf // Internationalization Tag Set
- » nif // NLP Interchange Format
- » oa // Open Annotation Data Model

// AUTOMATIC VIDEO ANALYSIS & METADATA EXTRACTION



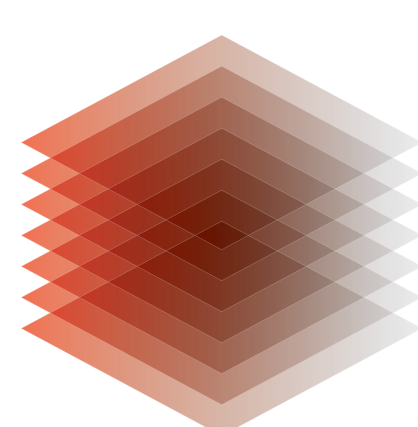
// VIDEO ANNOTATION METADATA MODEL



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