



A Generalized XML-Client for the Bavarian State Archives

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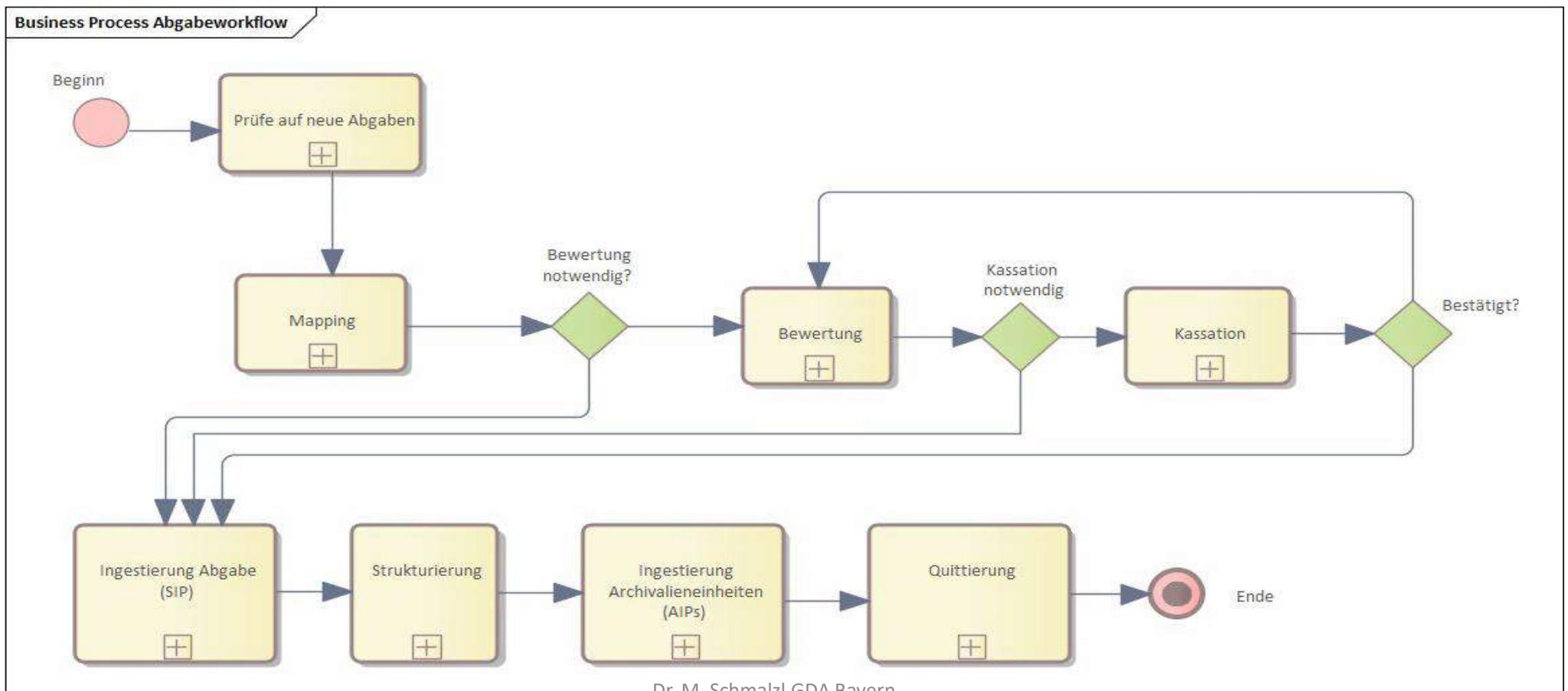
Initial Position

-  Different Systems and Data Bases in Great Numbers
-  Volatile Data and Defined Documents
-  Sustainable Preservation (>10 years) of Information only by Format Migration
-  Missing of Suitable Interfaces for Data Archiving
-  Data stored in repositories in highly varying structures and with differing description

Optional Configuration with the Mapping Tool



Semi-automized Workflow





„Standardized“ structure for deliveries

Optional Prologue-ZIP-Container

XML-File with general information

Optional XSD-File to the XML-File with general information

XSD-File to XML-Files with Primary Data

Files for documentation (user manuals, data models, project descriptions screenshots)

ZIP-Container for Primary Data

1-n XML-Files of Primary Data

Optional: Primary Data (referenced to the XML-Files of Primary Data via UUID in File Names)

Further Requirements:

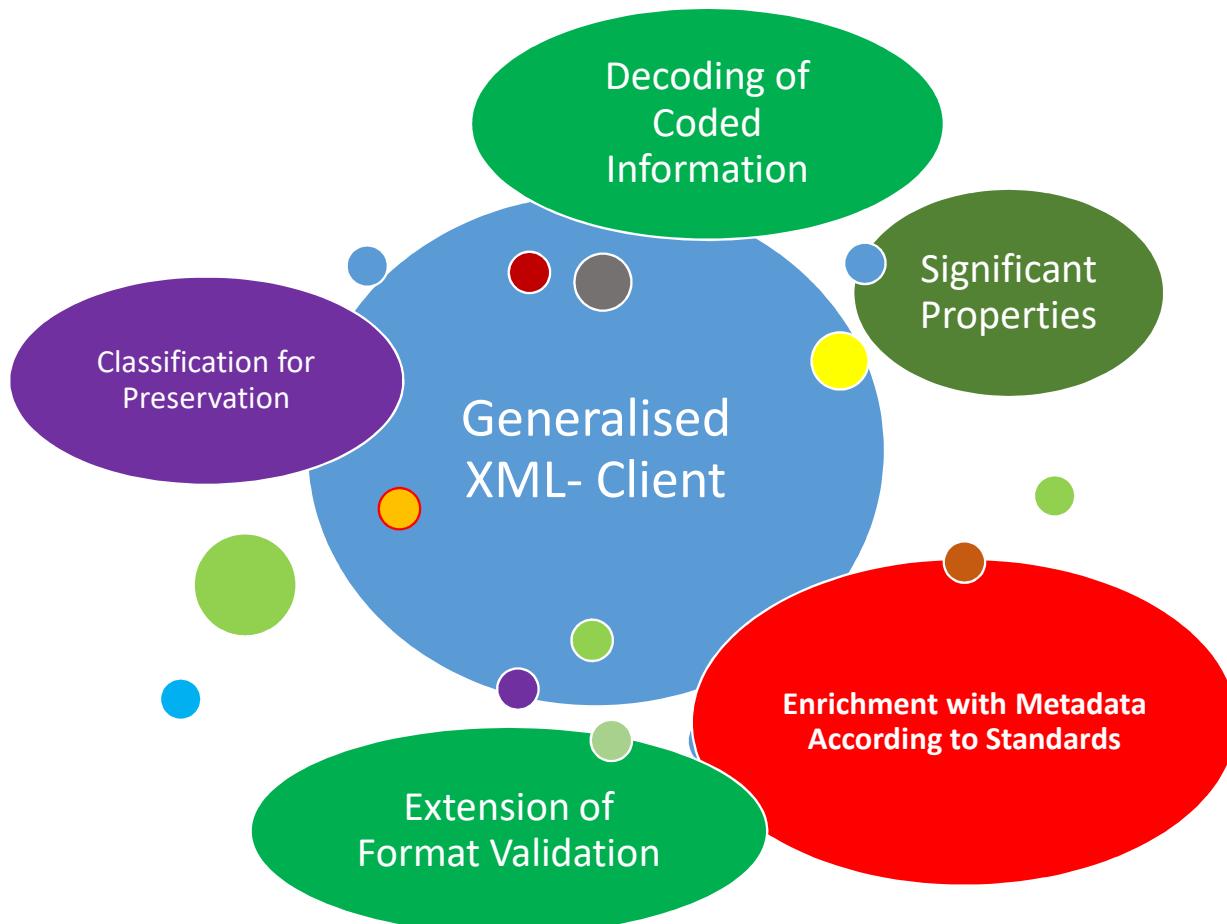
Decoding of all relevant information

Description for all XML-Tags in XSD-Files

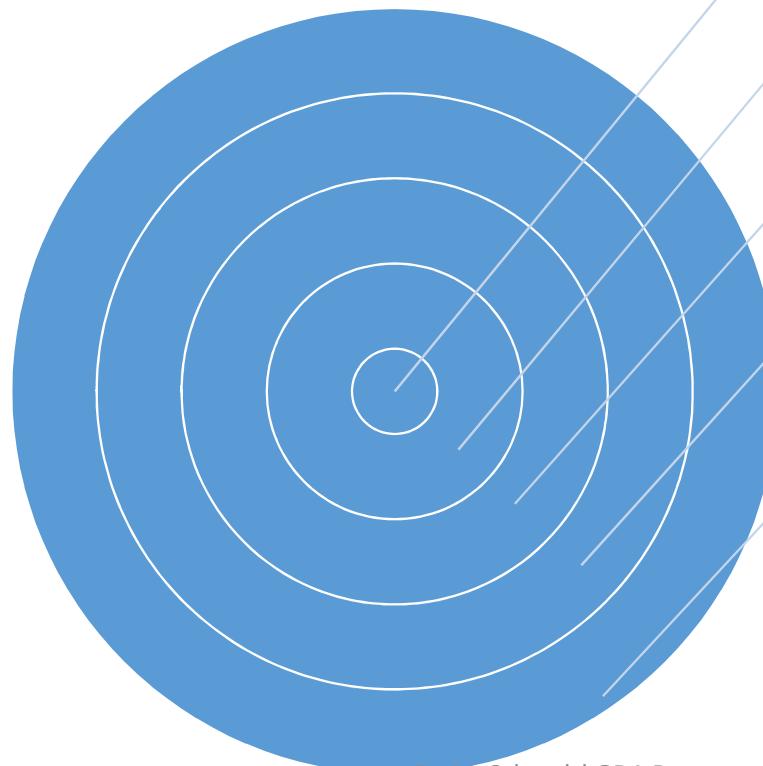
Flexible Composition of XML-Files (Header, 1. Fall, 2. Fall, ...)



Weiterentwicklungsoptionen



One for All!



Dr. M. Schmalz GDA Bayern

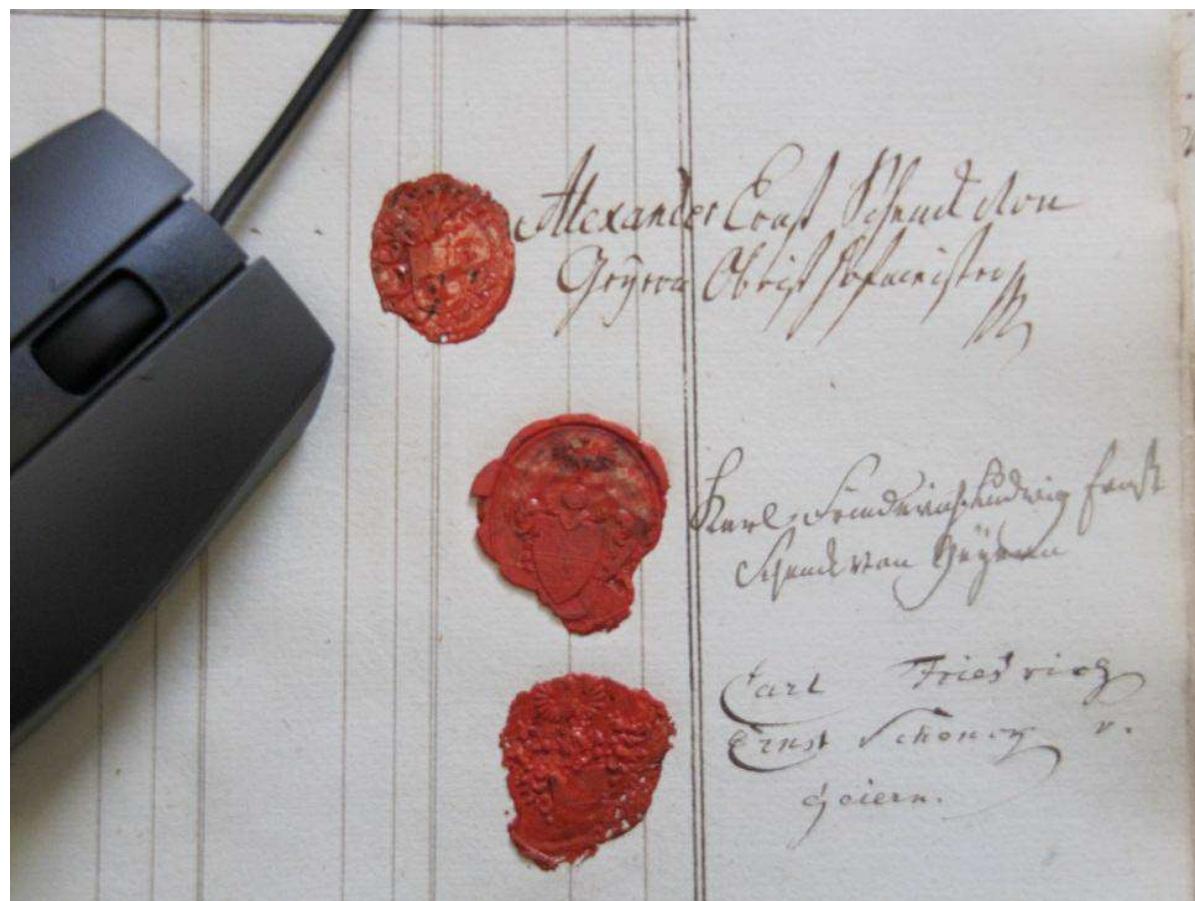
Automatisation reduces time
and effort

**Archiving of stuctured data
along aspects of data origin
and development**

**Usable for all data bases and
data systems of science and
adminstration**

**Ensurement of data
provenance**

**Explicit settings for data
producers allow dispatching at
the beginning of the data life
cycle**



Thank you