



DDI at the Swedish National Data Service





Agenda

- About SND
- Current capturing of metadata
- Metadata flow within SND – Today
- Metadata flow within SND – Future plans
- XSLT Stylesheets for creation of codebooks
- Using DDI for metadata harvesting from external agencies





About SND

SND is an initiative of the Swedish research council, it is situated at University of Gothenburg and financed jointly by the research council and the university

SND focuses on:

- Data collection and dissemination
- Data protection, documentation and availability
- The development of standards and tools used for documentation and making data available
- Legal and ethical aspects when databases are established and also in the management of data and its availability
- Support and guidance during the research process
- Participation in and support for the establishment of competence within secondary analysis of the data



Current capturing of metadata

Study level documentation

SIMS – SND's Internal Management System

- In-house developed system
- DDI based (combination of versions 2 and 3)
- Exports and imports DDI 2, Exports parts of DDI 3
- Contains documentation of study and variable level elements, other materials, publications, projects, series, contacts, organisations, disseminations and more
- Drawback. Can't import metadata from SPSS

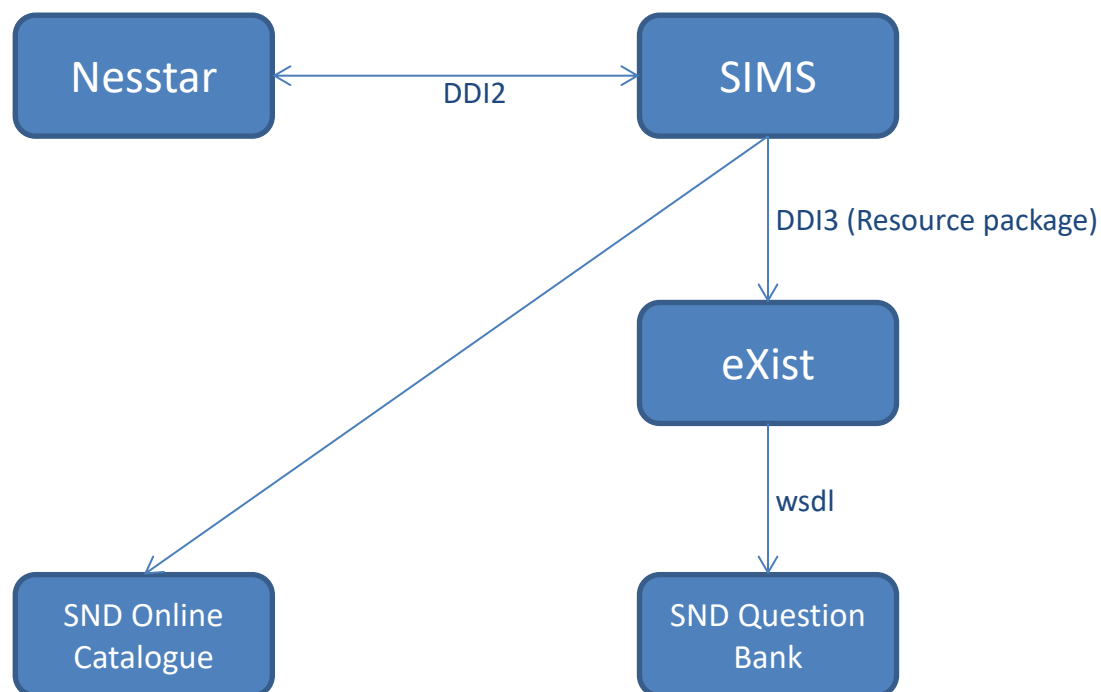
Variable level documentation

Nesstar





Metadata flow within SND – Today





Some info about eXist

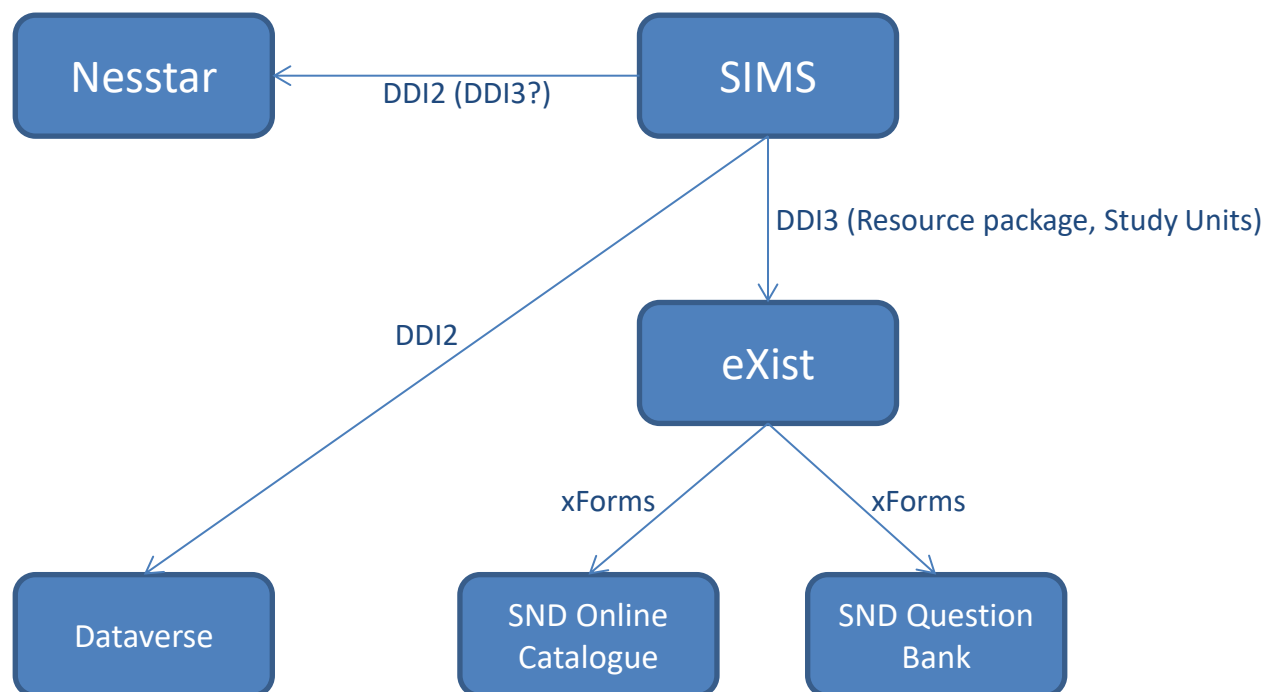
- Open source database management system built using XML technology.
- Stores XML data according to the XML data model.
- Features efficient, index-based XQuery processing.
- Easy to access using wsdl
- Good base for building web services

```
<SPEECH>
<SPEAKER>HAMLET</SPEAKER>
<LINE>Rest, rest, perturbed spirit!</LINE>
<STAGEDIR>They enter</STAGEDIR>
<LINE>So, gentle...</LINE>
<LINE>...all my... do... you...</LINE>
<LINE>...at so... a man...</LINE>
<LINE>...to his... and... you,</LINE>
<LINE>...shall not... together.</LINE>
<LINE>...your... I...</LINE>
<LINE>The time is out of joint: O cursed spite,</LINE>
<LINE>That ever I was born to set it right!</LINE>
<LINE>Nay, come, let's go together.</LINE>
</SPEECH>
```

eXist



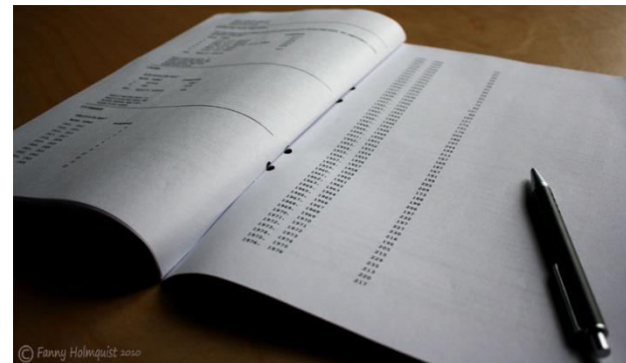
Metadata flow within SND – Future plans





XSLT Stylesheets for creation of codebooks

- Currently only DDI2
- Planned for DDI3 first half 2011





Using DDI for metadata harvesting from external agencies

SND's mission

SND should have an overview of which research materials that are available for researchers in Sweden

Project with Statistics Sweden

- Mapping ISO 11179 to DDI3
- Plans to also include other organisations, e.g. Board of Health





Contact

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Questions?

