

Exanda
A Flexible On-Line Tabulation
System
Using DDI 3

Part of Session: DDI 3 Tools: Possibilities for Implementers
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Overview From User Perspective I

- Tables and charts in a web browser
 - Up to three variables
 - Multiple output formats
 - A bookmark can be set for each result page
- Multiple languages for content and user interface
- Web pages confirm to common rules of accessibility
 - Important for government institutions

Overview From User Perspective II

Multiple output formats

- Tables with frequencies, common percentages
- Grouped and stacked column charts
- PDF report for printing with all tables and charts from above
- For further processing
 - DDI 3 nCube
 - Excel spreadsheet
- Flash client for explorative approach
 - Quick change of dimensions
 - Focus on subgroups

Still in the works



Technical Overview

RDBMS (i.e. Postgresql)
with JDBC Protocol
data storage
data selection/aggregation

XML Database (i.e. eXist)
with XML:DB Protocol
<ddi>document storage
metadata selection

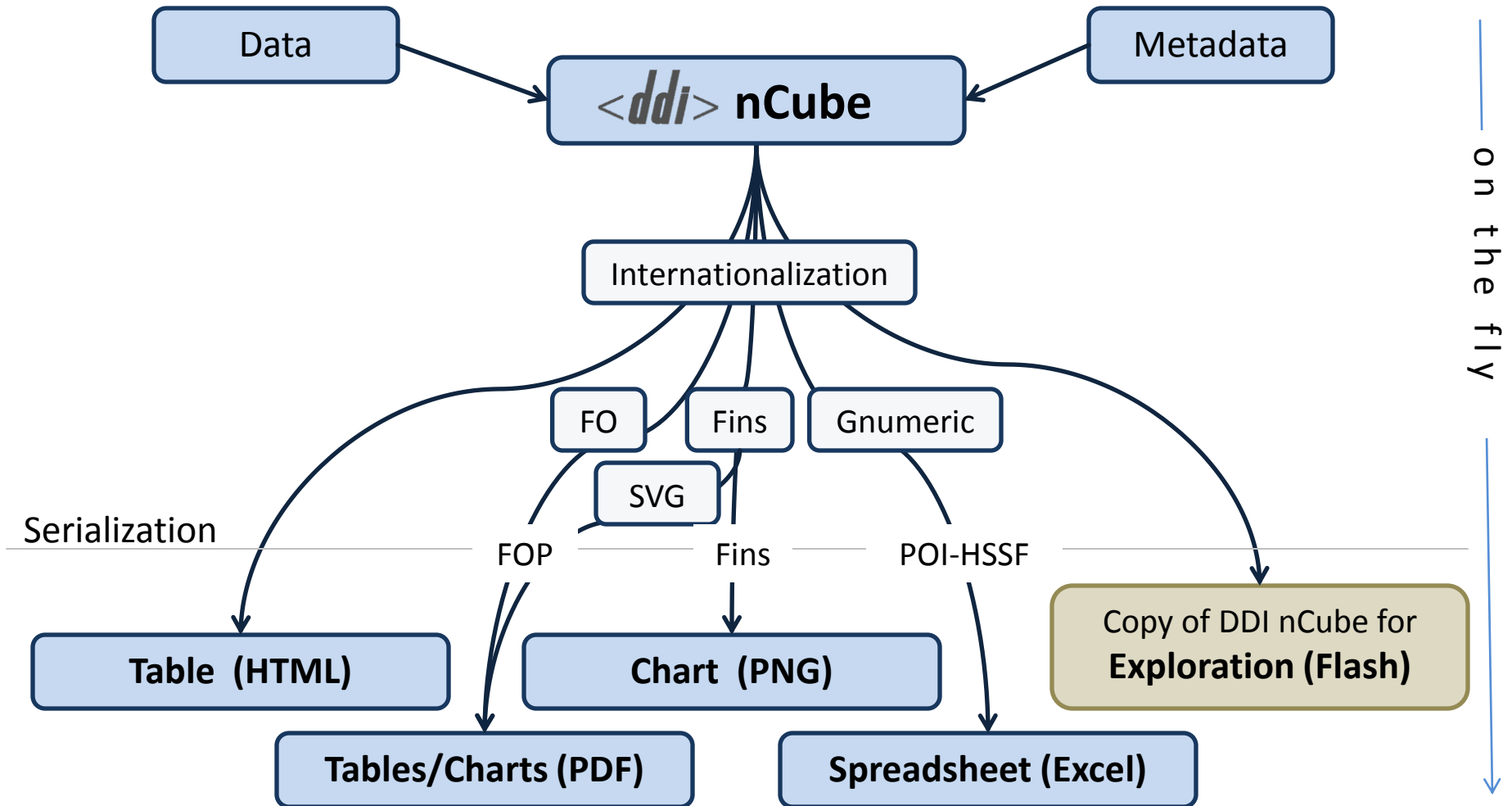
**Java Application Server
(i.e. Tomcat)**
Cocoon XML framework
Transformation

Apache Web Server
access control, encryption,
compression, caching

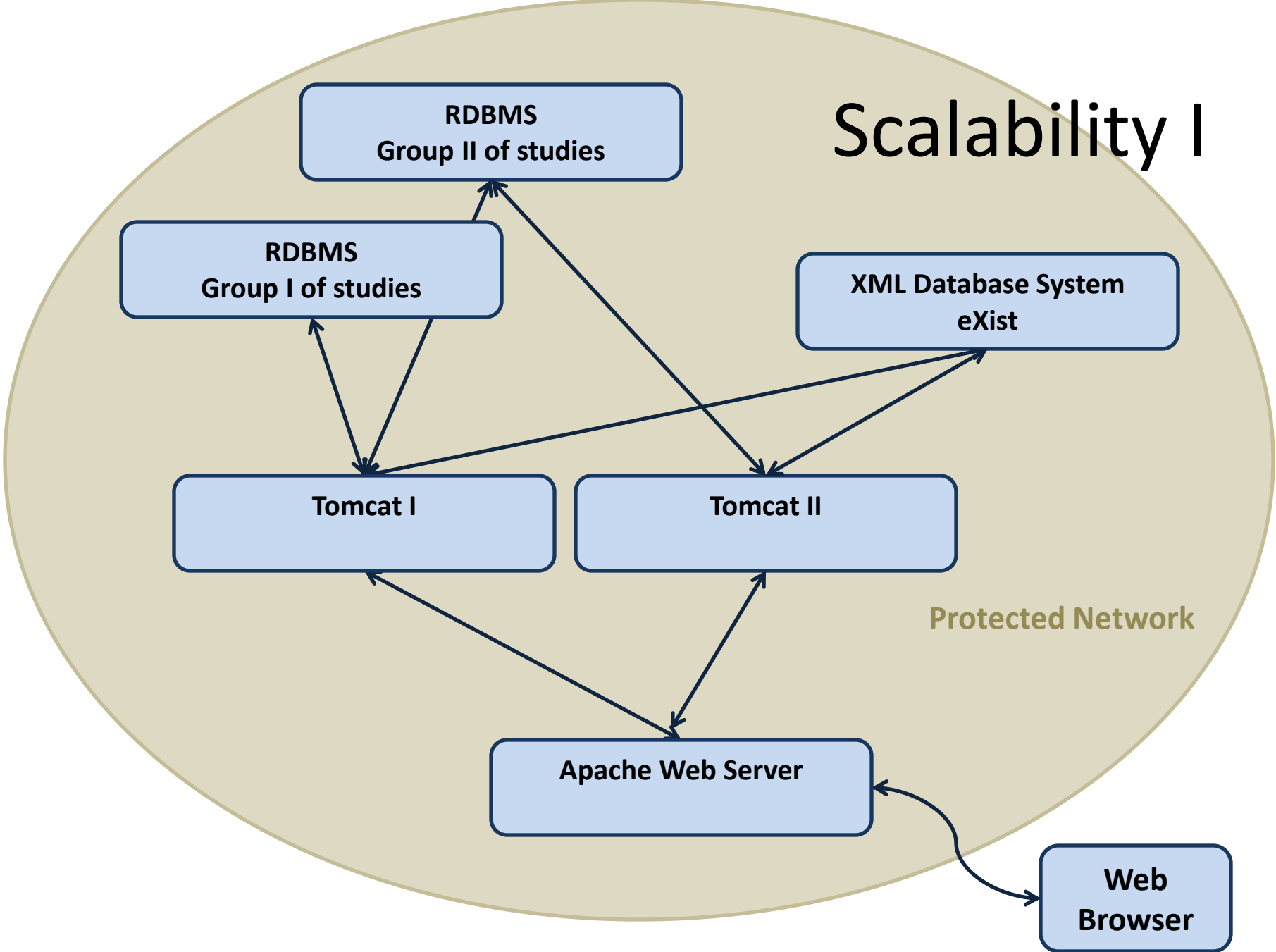
**Web
Browser**

Protected Network

Cocoon XML framework / Transformation



Scalability I



Scalability II

