



Introduction in Information Environment Metadata Schema Registry (IEMSR)

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Agenda

- IEMSR keywords
- Overall architecture overview
- Key features
- Demo
- Future development

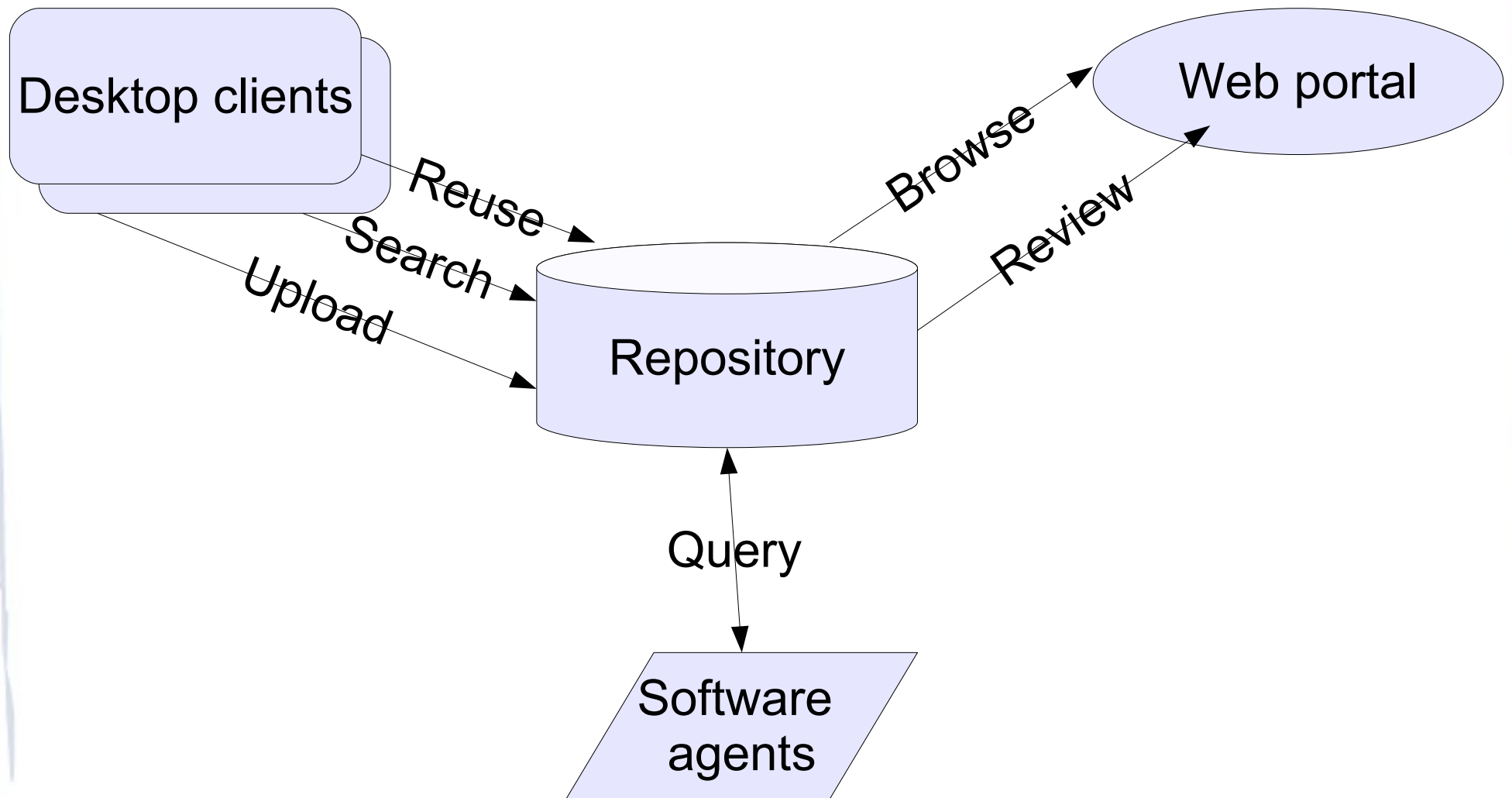
Keywords

- Metadata – data about data
- Term – element of metadata
- Application Profile – specific collection of terms
- Vocabulary – list of terms
- Agency – information about creator

Standards

- Dublin Core Metadata Initiative (DCMI) – a application profile standard
- Resource Description Framework (RDF) – a format for an application profile file

What is IEMSR?



Why it is important?

- Now most common tools to create a schema are: Word, Excel and XML
- Error-prone manual modification
- Publication format is not unified

IEMSR features

- Easier to reuse existing schemes
- Convenient way new schemes with multi-platform desktop application
- Publish new profiles in the web portal
- Make it available to software agents
- Support of standards DC and RDF

Demo!

- Client demo
- Server demo

Future development plans

- Seeking real cases that IEMSR can support
- Enhance graphical user interface and layout
- Add full support of IEEE LOM application profile standard
- Create a web based client to define application profiles
- Internationalisation



JISC IEMSR DC STRUCTURE DEMO



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Q & A

- Any questions?

Thank you for your attention