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What is StYLID?

- Social Software for sharing Structured Data
- Easy data entry interface for general users
- Freely define **Your** own Concepts

Concept definition

- Name
- Description
- List of attributes
- Suggest value range

- Share a Wide Variety of information (share **Anything!**)

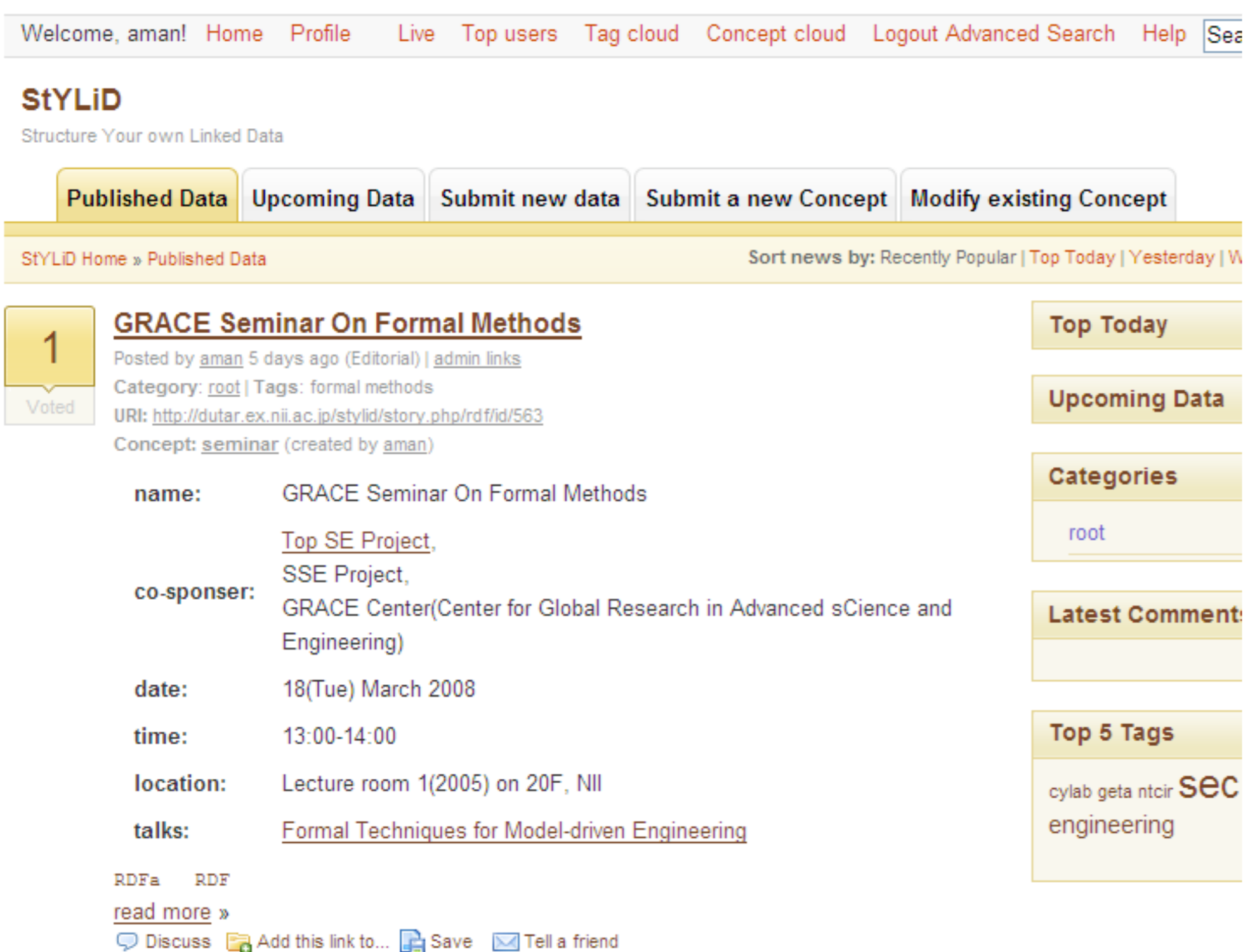


Fig. 1: StYLID main interface.

Consolidating Multiple Definitions

- Multiple versions of the same concept defined by different users
- Create a single Virtual Consolidated Concept

Alignment of Concept Attributes

- Automatically *suggest* attribute alignments
- User verifies and completes the alignment
- Human intelligence + Machine intelligence

A Unified View

- A unified concept with consolidated attributes
- Query can be unfolded to individual concepts

Emergent Semantics

Concept Cloud

- Popular Concepts (with more instances) appear Bigger

- Converge to stable definitions
- Consolidated concept can be expanded into Sub-Clouds
- Ontology as a by-product of Information sharing

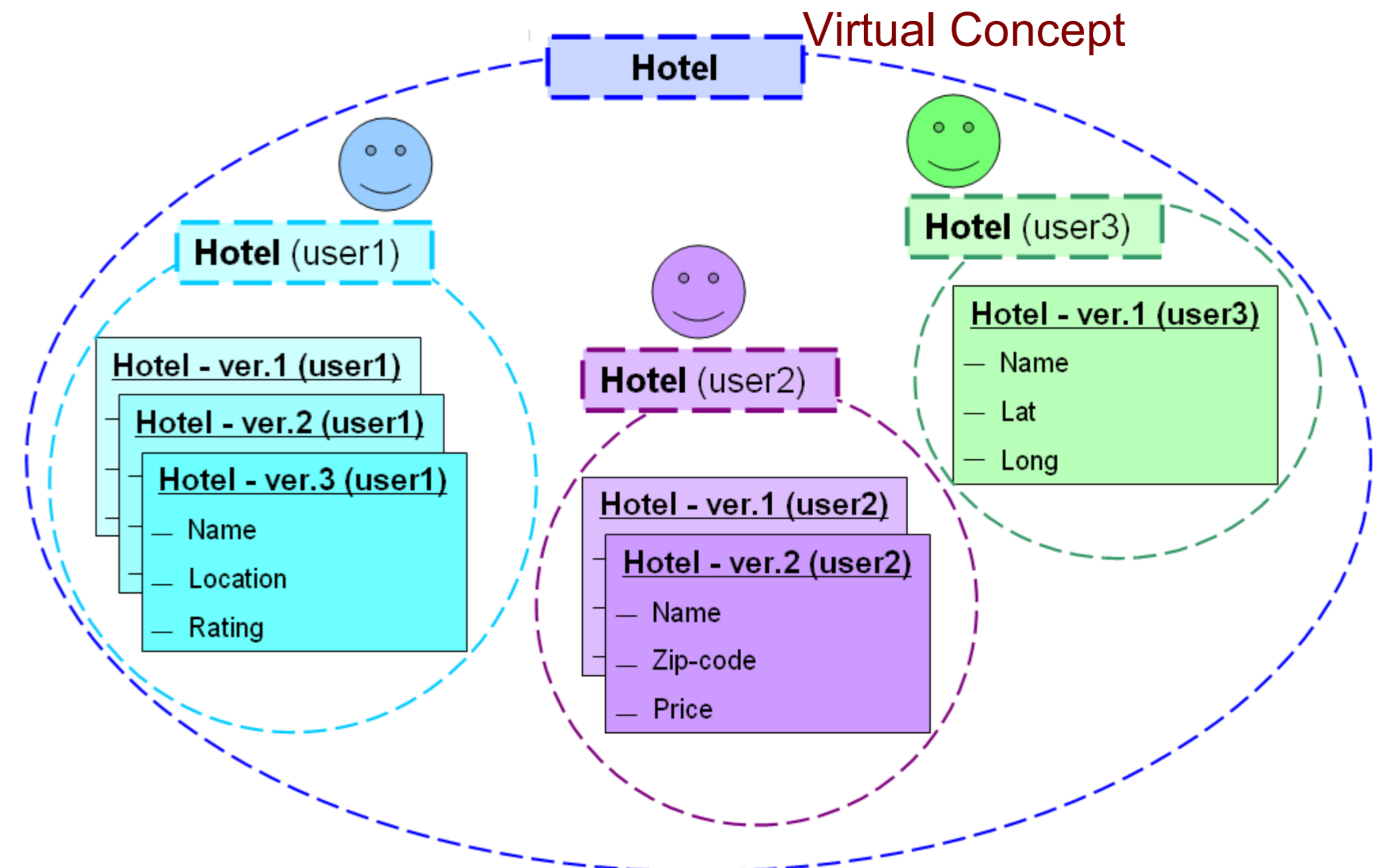


Fig. 2: Consolidating multiple concept definitions.

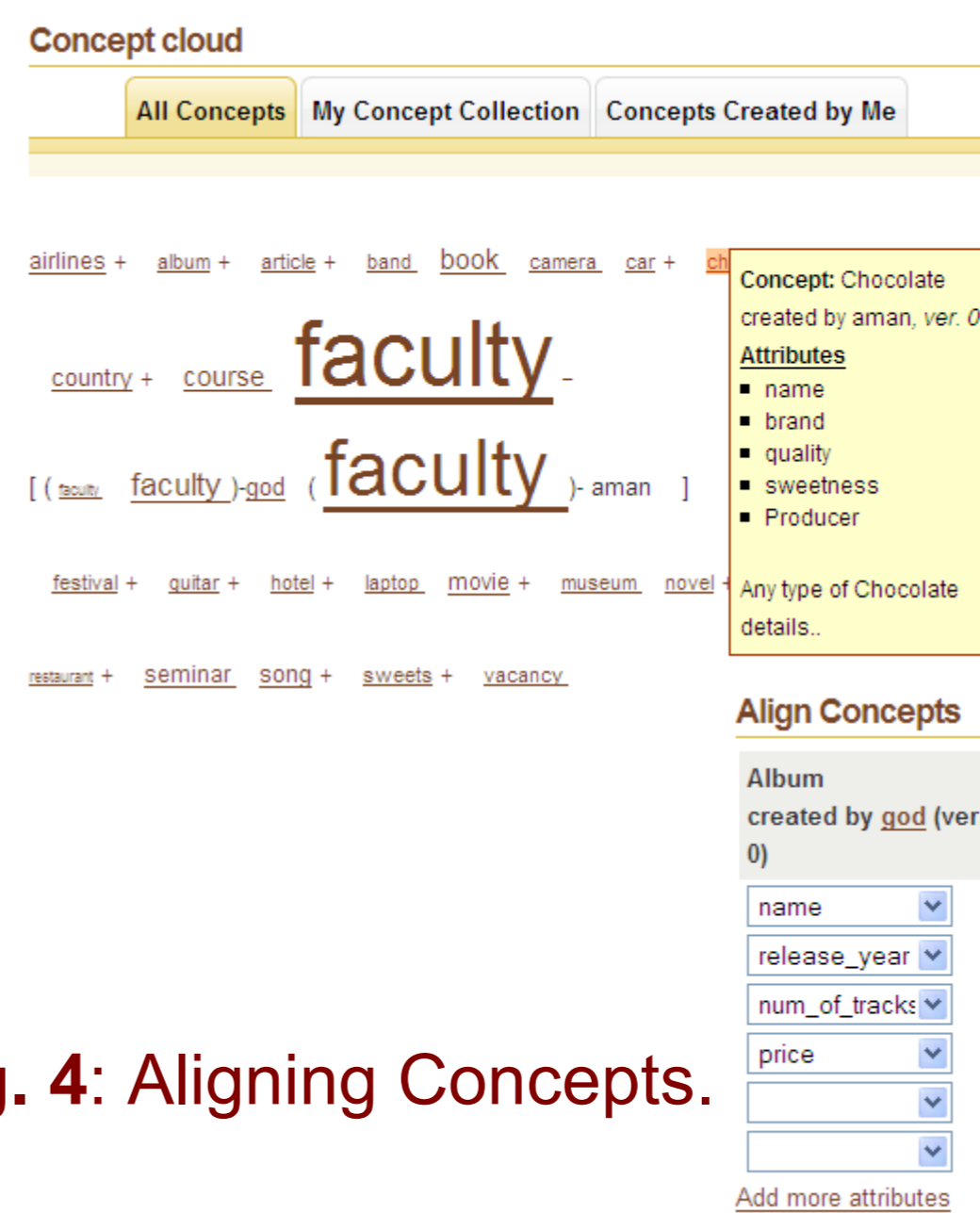


Fig. 3: Concept Cloud.

Fig. 4: Aligning Concepts.

Flexible/Relaxed Definitions

- Incremental and Evolving schema definitions
- Modify and Reuse Concepts defined by others
- No strict constraints for Data entry
 - Resource URI or literal
 - Suggestive range

Machine Readable Linked Data

- Link data resources using **URIs**
 - Both Internal and External resources
- Support the Linked Data web
- Embed machine readable data in HTML using **RDFa**

Features

- Navigate through Linked Data and pages
- Browse the clouds of concepts
- Structured Search
- SPARQL query
- Exploit the machine readable data

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StYLID URL:

<http://dutar.ex.nii.ac.jp/stylid/>

Register Online!