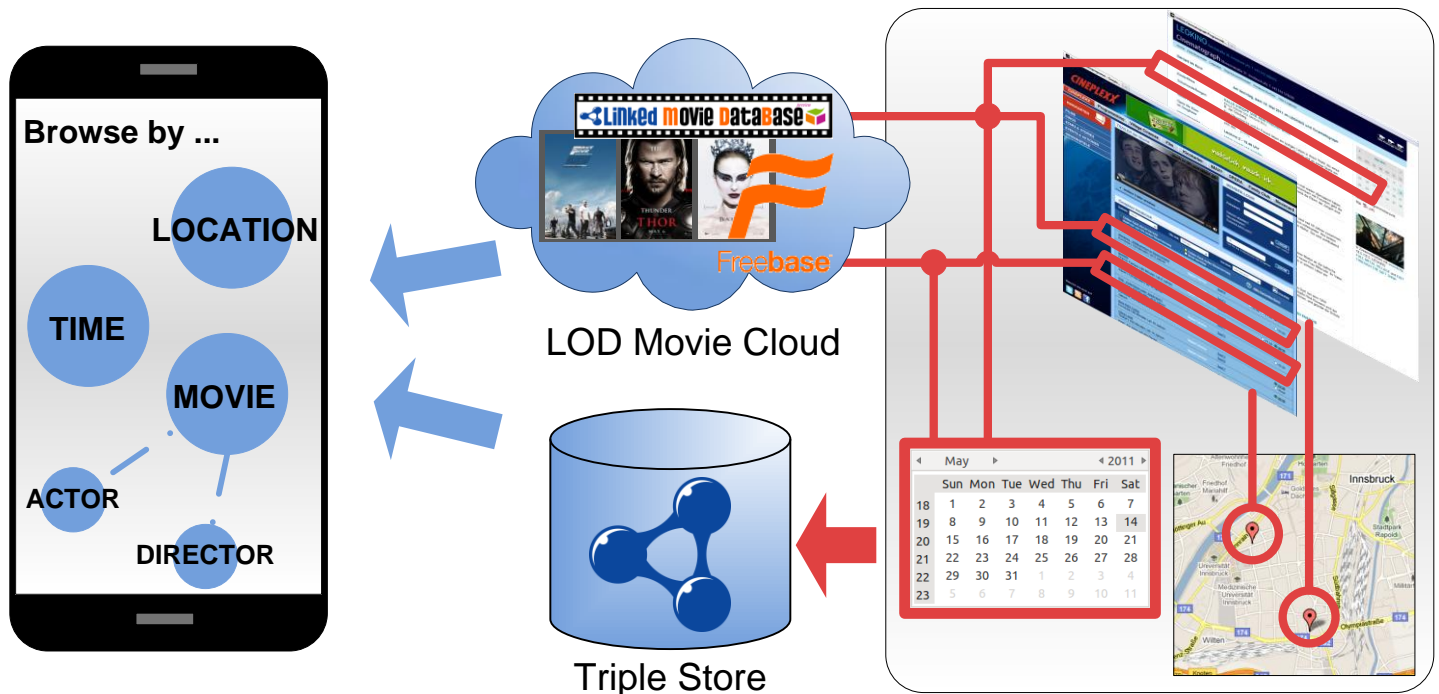


Linked Open Kino

Cinema Listings as a Use-Case for the Application of Linked Data to Enhance Location-Based Services

Andreas Thalhammer, STI Innsbruck
andreas.thalhammer@sti2.at



- ❑ Many cinemas offer their program listings in a proprietary format on the Web.
→ This is often unhandy for mobile users.

❑ Common Problems:

- webpages are often not optimized for mobile devices
- distribution of relevant content over more webpages (information is missed)
- locations of cinemas are not gathered at a single point

- ❑ Naïve Solution: Gather and combine information on a single Web site (plus mobile version).

- ❑ Idea for Improvement: there is more high quality information about movies available online (i.e. in the LOD cloud).

❑ Approach:

- **[server]** scrape cinema Web pages for location and listing information, link it to existing resources (movie descriptions), and make it available in RDF format.
- **[client]** provide a Web-based user interface for mobile devices that is able to handle and present relevant parts of the collected information in a flexible way (e.g. listings of cinemas within the range of 5 km).

- ❑ Prototype: Program listings for all four cinemas in Innsbruck and 53 cinemas in and around Munich will be available in RDF soon.

- ❑ Future Work: A Web API will enable geeks (or even cinema owners) around the world to upload location and listing information.



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