

DEMO: CASPAR Web Desktop

Using The CASPAR Key Components
through Web Browser



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3rd Annual WePreserve Conference in Nice (France)



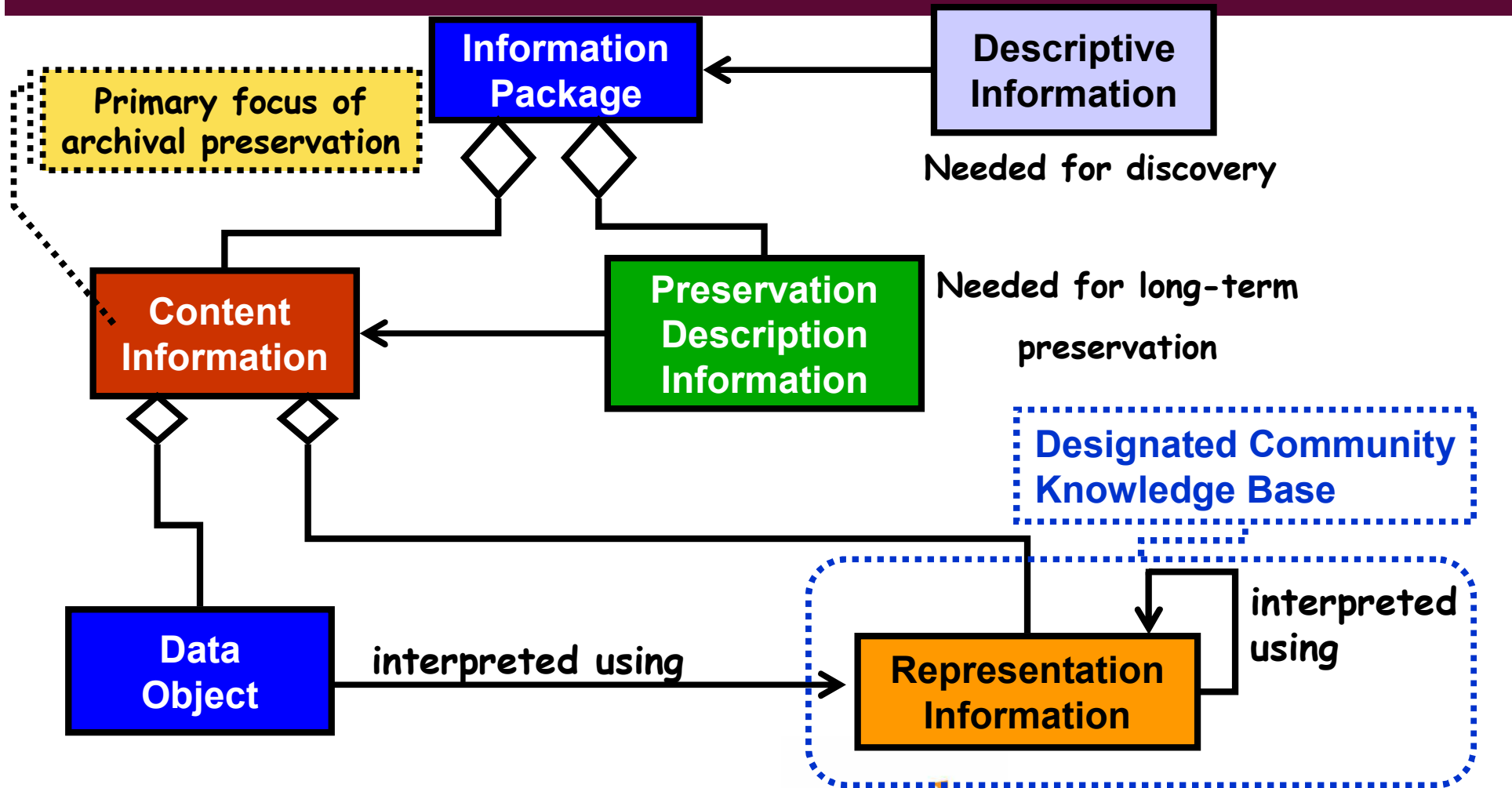
Presentation Planning

- CASPAR & OAIS
- CASPAR Infrastructure
- CASPAR Approach
- CASPAR Demo



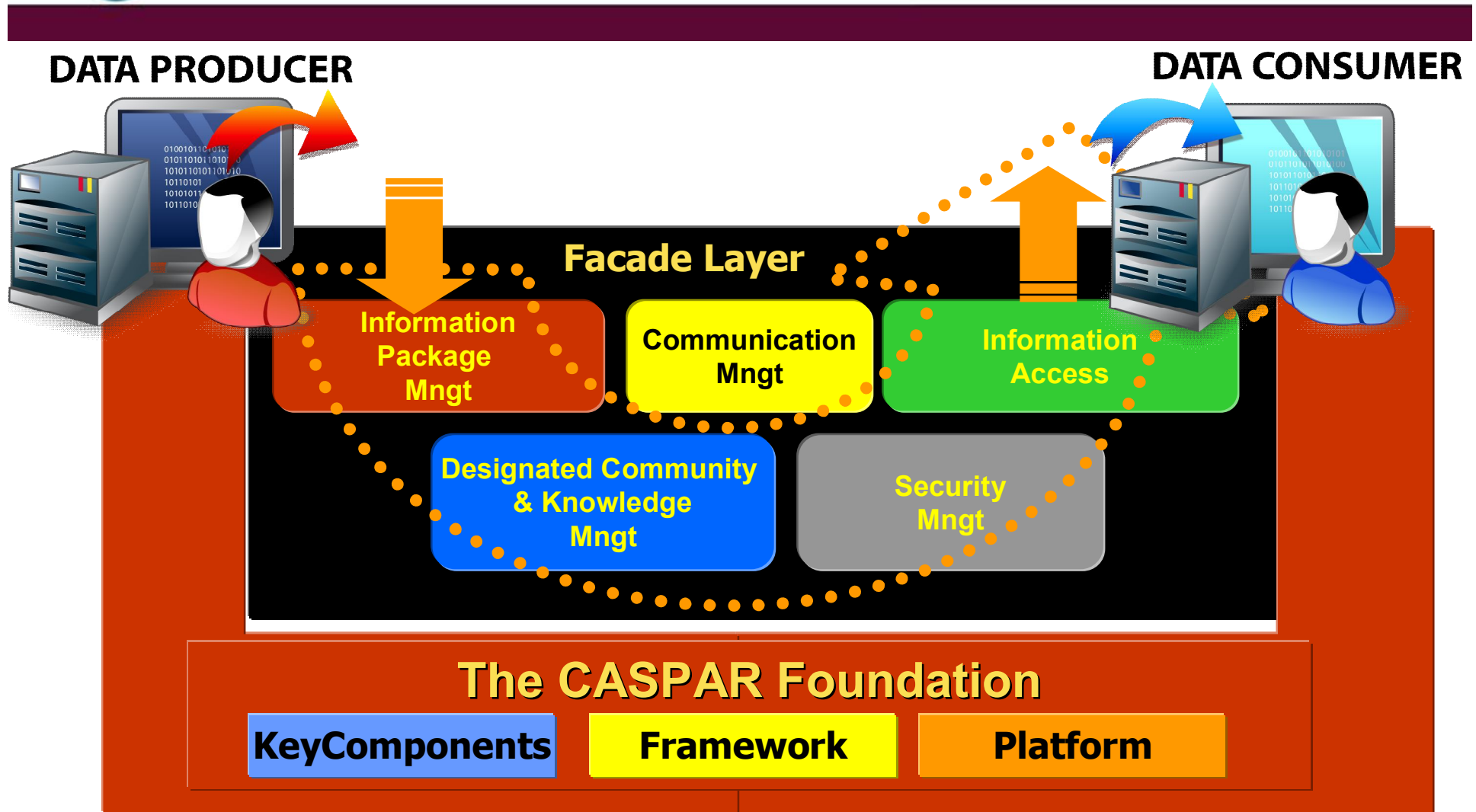


CASPAR & OAIS



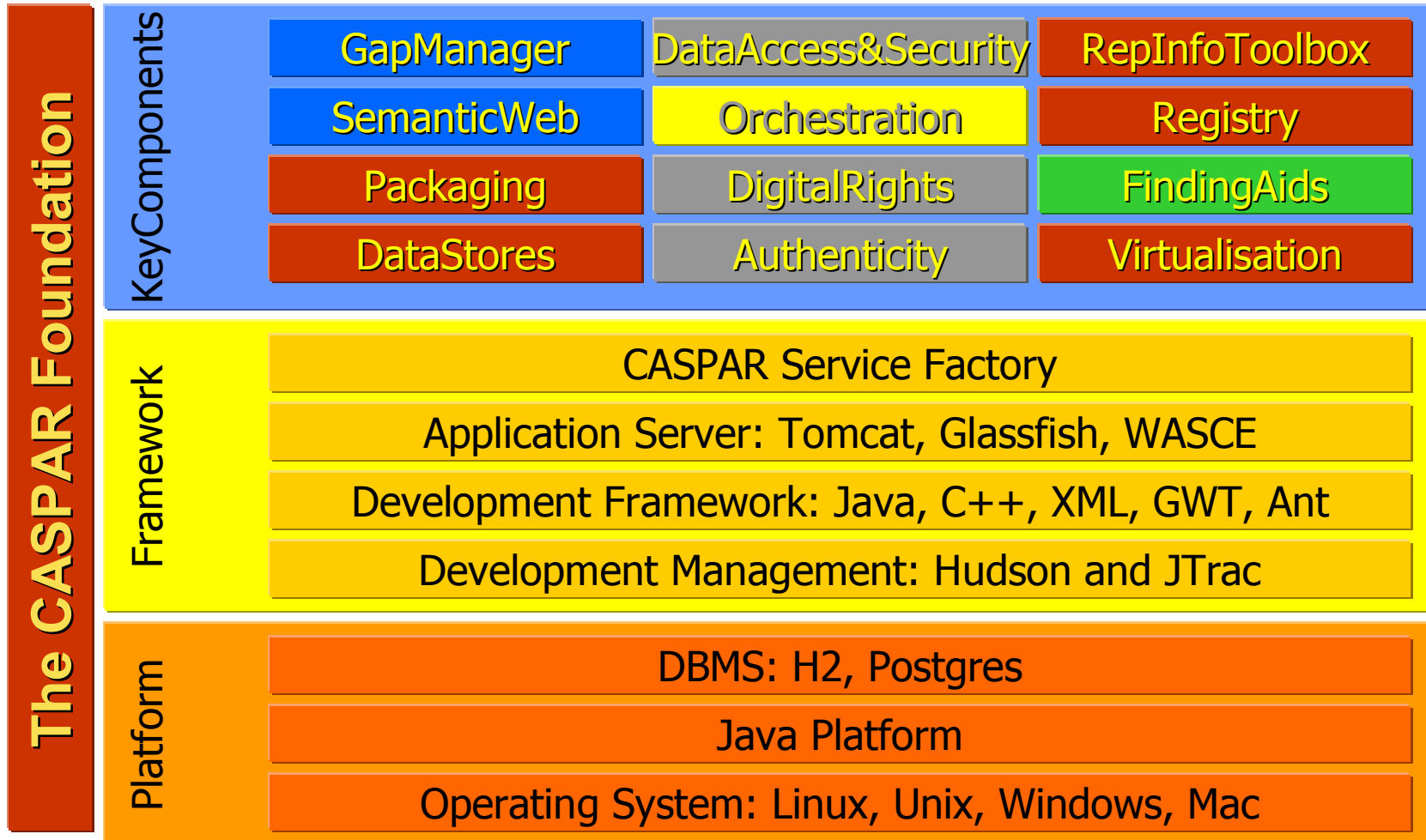


CASPAR Infrastructure





CASPAR Foundation





Approach: Dealing with Knowledge Base

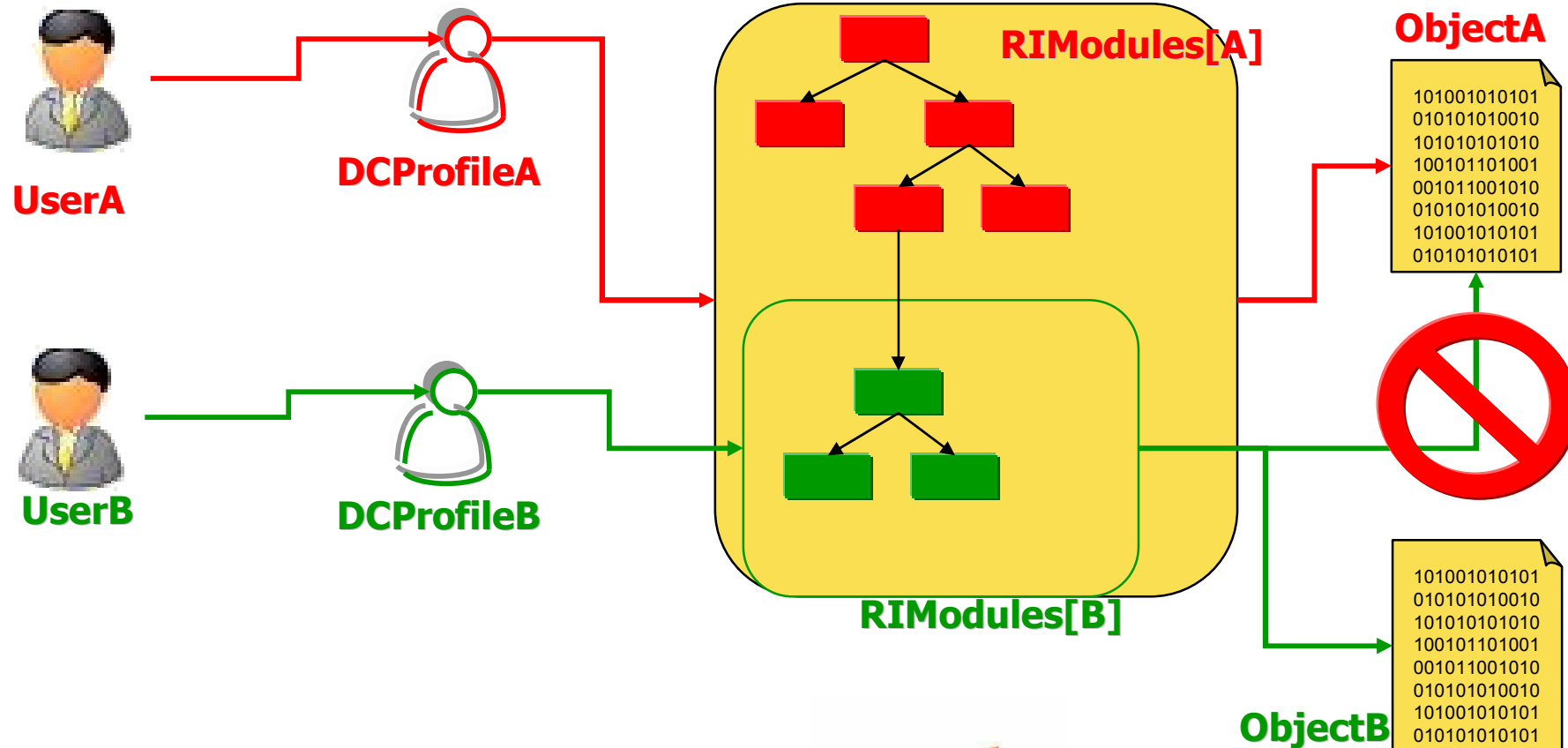
- **According to OAIS:**
 - “Data about data” are distinguished to various categories.
 - One very important is that of **Representation Information (ReplInfo)**
 - ReplInfo allows interpretation of data object
 - Interpretation is depending from the “Community” and its own KB
- **Knowledge Base of Designated Community**
 - Each actor or community can be characterized by a **profile** that contains those **RI modules** that are assumed to be available/known.
 - Those RI modules allow interpretation of digital objects





Approach: Dealing with Knowledge Base

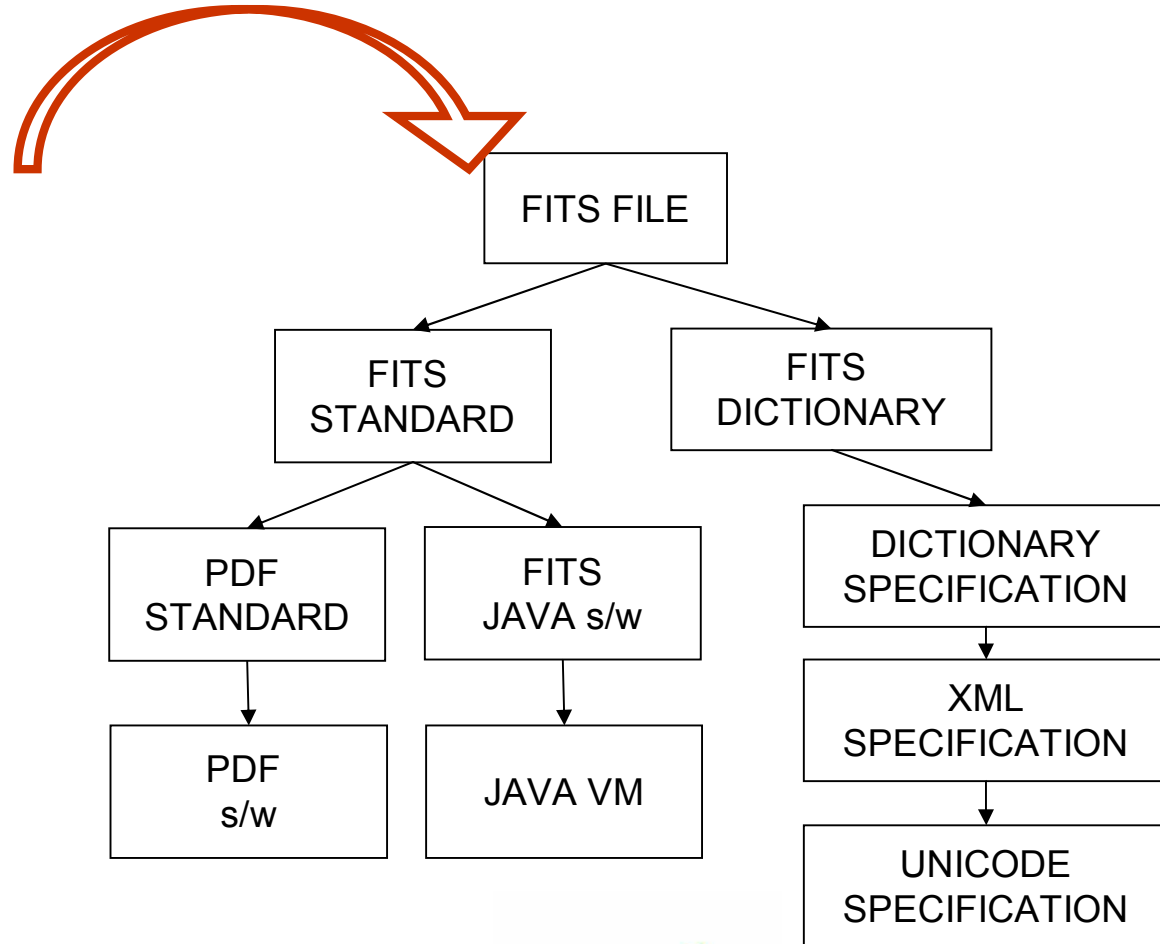
User has a → DCProfile contains → RIModules interpret → InfoObject





Modules and Dependencies:

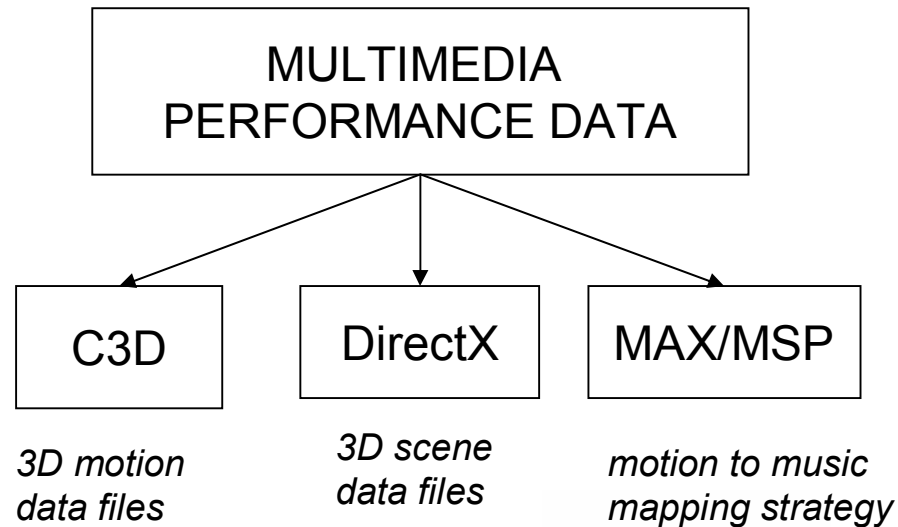
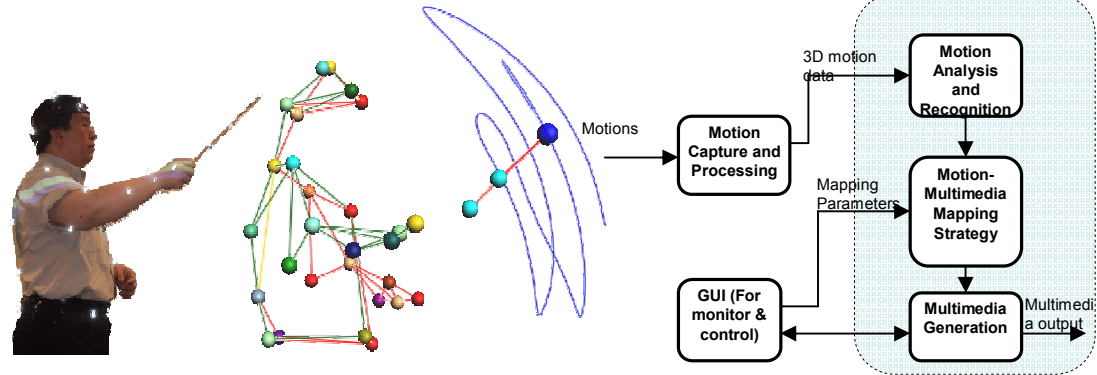
Scientific Data Example





Modules and Dependencies:

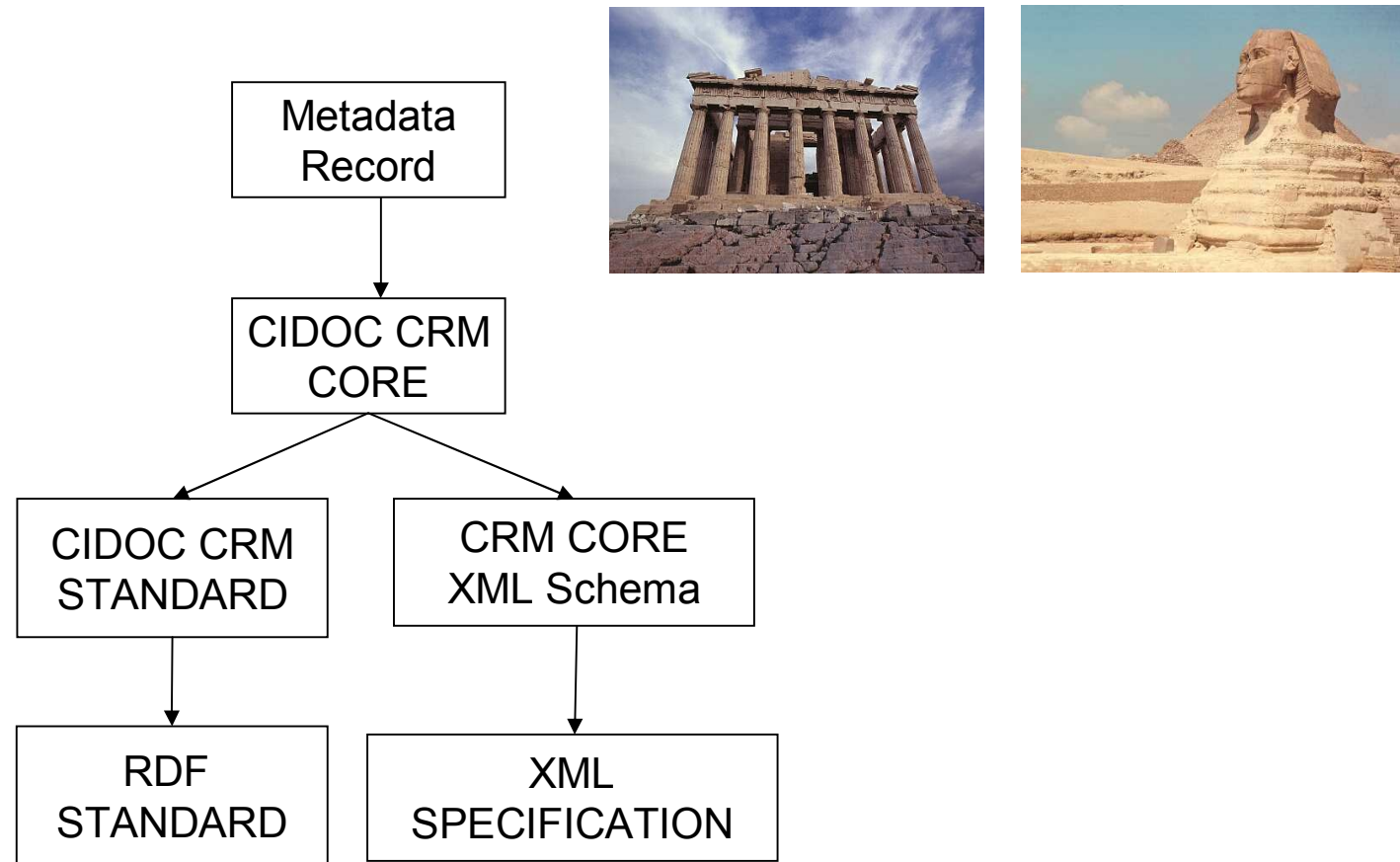
Performing Arts Data Example





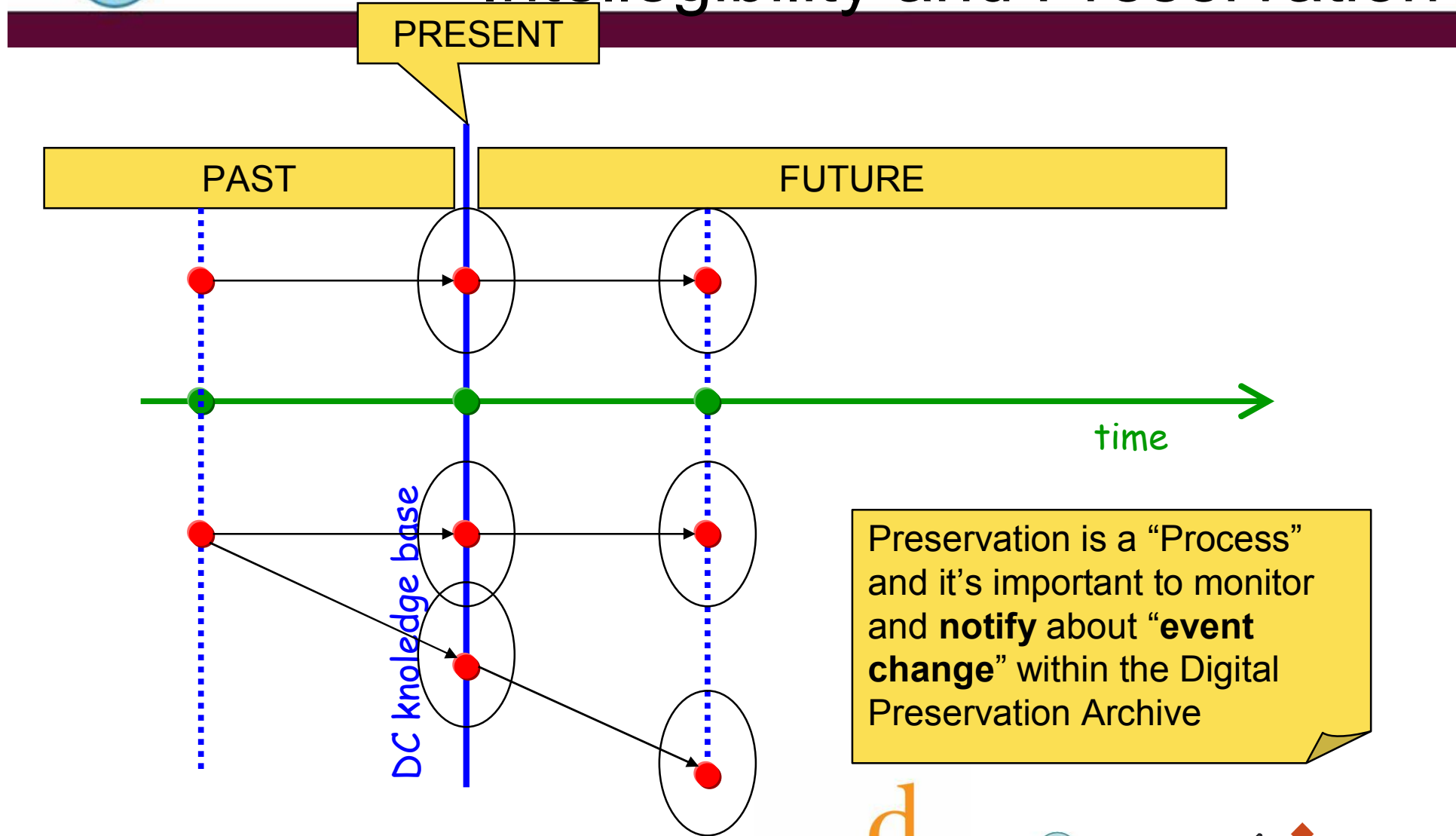
Modules and Dependencies:

Cultural Data Example





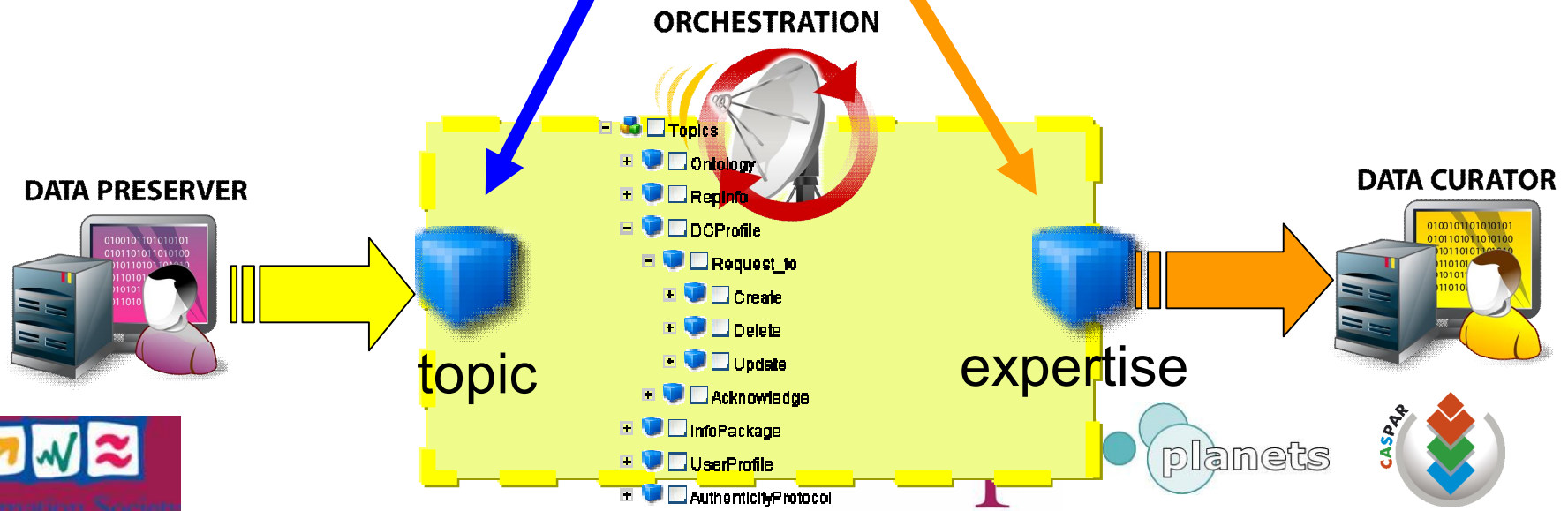
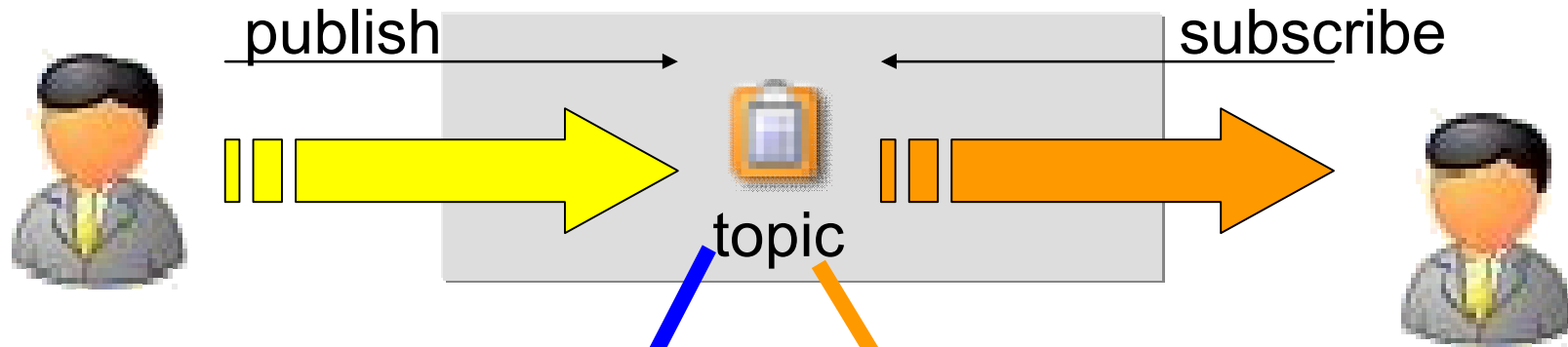
Approach Intellegibility and Preservation





Approach: Dealing with Notifications

Publish/Subscribe System





The CASPAR Developer Community

Home Software Monitoring Issue Tracker Specification and Documentation

Welcome to the CASPAR Developer Community

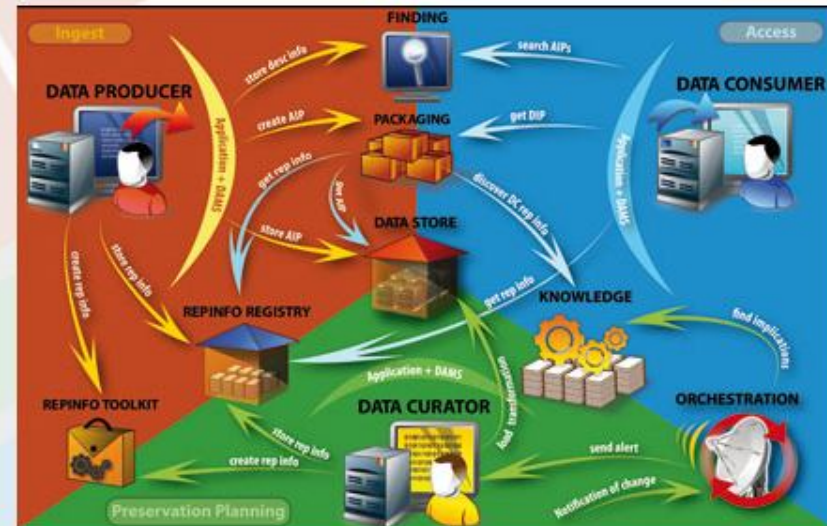
The **CASPAR Developer Community** is the open and common playground where developers of CASPAR Project build, publish and provide results of their research and development activities: the CASPAR Framework and its Key Components, based on the **OAIS reference model (ISO:14721:2002)**.

The CASPAR Project is a european research project on **Digital Preservation** co-funded by the European Commission, within the Sixth Framework Programme.

The CASPAR Developer Community is adopting the following approach:
Open specification, Open software and Open documentation.

The CASPAR Developer Community web site represents the unified access point for:

- software monitoring, based on the continuous integration engine **Hudson**. The CASPAR software code is open to everybody and may be browsed. More, software artifacts are available for free download;
- issue tracker during software development, based on the tracker issue **JTrac**;
- accessing specification and documentation, defined by the CASPAR Developers. Sharing knowledge is a way to preserve it.



<http://developers.casparpreserves.eu:8080>

Thank you!
Questions?

...and Stay tuned on



<http://developers.casparpreserves.eu:8080>