1. An overview of the ~~repository~~ ideas of implementation

We are testing the potential use of Invenio as a multi-media repository,
to manage the descriptive metadata of different disciplines,
and to archive digital contents for direct access and for permanent storage.

Multi-standard metadata support

Import of descriptive data from the most important **metadata formats**
used in **Library**, **Archive** and **Museum** collections; like MARC, EAD, visual-resources standards.

Digital content: storage

File storage, both of the master (**uncompressed**) version
and of the online (**compressed**) version.
Plus digital metadata.

Digital content: access interface

Navigation within the structure of multiple parts of the object.
File **zooming**.
Video/audio **streaming**.

User Interface adaptation

Widespread functionalities (like facets?) for common users.
Switch between **advanced** and **very-simple** interface behaviour

OAIS repository

Log of the process for ingestion, manipulation and access of data.

All of that in addition to the **web APIs** for external systems

2. Setting up Invenio for my use case...

What I found easy

- To integrate **many different functions** in one only system.
  Say for example:
  - service-provider's aggregation functions besides data-provider ones;
  - "OPAC" functions besides Open-Archive's ones: with batch import and powerful data elaboration;
  - some storage services
- To **get control of every part** of the software and, consequently, of every singular process.
  That's
  - not only thanks to documentation of the open-source
  - but also thanks to the numerous **config files**: for the whole installation and for the singular modules
- To **develop custom adaptations**. Thanks to the support of **additional Python modules**, not only in record displaying, but also in lower level part of the system through **_templates**

What I found uneasy

Probably as a consequence of
- the powerful instruments for customization
- and the research always ongoing behind the official Invenio release

I found that some local adaptations risk to became rapidly a dead branch, quite difficult to update to the new releases.

3. Main expectations from the Workshop

The main expectations are:

- to know lots of **features already present** in Invenio 1.0, and that I don't sufficiently exploit
- to know lots of **customization** and integration of **external solutions** made in **other installations**.

Following the public list of topics of the workshop:

1) "_Batch submission of new documents from pre-formatted metadata files._"

Potentially, with reference to:

- upload of batch-recordset (more than automated OAI dialogue);
- any way to store also the "non-mapped-version" of metadata
- some way to set the indexes definition besides the marc-subfields calls

2) "_Problems of 'blind' records, there are more records than visible._"

Could 'blind' records be another way to store "non-mapped-version" of metadata?

3) "_Video-resource configuration: arrangement of resources, streaming video, formats._"

- Maybe also platforms for still images (for zooming, browsing, ..): I see interesting solutions realized with Multivio and Micala.
- Is there any recommendation for the file storage ? (..NAS connected to Invenio..)
- .. has any Institution already implemented the support of some digital-metadata like METS ?

4) "_How to contribute back to Invenio any local developments that may be generally useful_"