

## PENG showcase scenario

The PENG showcase is a movie of a demo session following a scenario executed on the system and recorded by dynamic screen capture (using the Snagit tool). The screen capture has been done at the full screen resolution (1280 x 1024) so that the text remains readable. It has also been done at 2 frames per second because of the limited capabilities of the dynamic screen capture (and also to limit the size of the movie file).

The PENG showcase is based on a functioning system. The demo movie has been edited (using Adobe Premiere) only to remove parts in which nothing happens (while waiting for the system response). Everything else is the result of the normal system operation. The number of displayed items has also been limited to 100 in order to guarantee a reasonable response time. Also, the users have been recreated for the purpose of the demonstration after the filtering was done. They have been recreated in the same way as they were initially created (but with an appended "1" in their name/password in order to not interfere with the previously created ones for which the filtering was already done).

The synchronization between audio and image is not perfect (it is as it comes from the capture and editing tools). Also, the comment is a "live" one and is not perfect. We consider redoing the audio track but the demo is understandable in the current state however.

### 1. Creation of users

The PENG administrator creates three users: 'georges', 'david' and 'robert'. Each user logs into the PENG system and creates his user interest:

### 2. Creation of user interests (only the creation of the first one is shown)

- User georges:
  - Filter:** Bird flue in Romania
  - Description:** Bird flu has reached East countries
  - Comment:** general information on bird flu and the way it is moving across the world, specific insight on the seriousness of the illness, cures and possibly means of transmission between animals and humans
  - In folder:** Health/Foreign affairs
  - No relevant docs, all trusts to middle.
  
- User david
  - Filter:** Endocrine disruptors
  - Description:** general definition/information on endocrine disruptors or natural, artificial substances able to damage the reproductive organs and functionalities in animals, specially fish, and human beings
  - Comment:** the massive presence of natural or artificial hormones in rivers and lakes has been damaging the local fish populations and has serious side effect on public health in terms of human fertility and reproduction. We are looking for a balance between technical and divulgative information on this subject
  - In folder:** Medicine and Health
  - No relevant docs, all trusts to middle.

- User robert

**Filter:** Iran nuclear weapons development program

**Description:** Iranian government is going head with its nuclear program even if International pressure is pressing on Iran to suspend its nuclear program

**Comment:** An in depth analysis is required on the implications of Iran actions from a technological point of view

**In folder:** Technology and Foreign Policy

No relevant docs, all agency trusts to max, all resources trusts to medium except local DB to max.

### **3. Overnight filtering (not shown)**

If/when some new user profiles are created or modified, the filtering module has to be re-run before the filtering results can be seen (this currently requires a manual intervention by the PENG system administrator).

### **4. Consultation of filtering results**

Use of filters (agency and modality)

Select documents.

Display of video content (text, key frames and video)

### **5. Launching of search queries**

The context is the writing of an article about United Nations and the Iran crisis.

Use of filter (agency)

Select documents in filtering results

Put selected from filtering documents into “current work” space

Launch a query from selected documents

Select documents in search results

Put selected documents from search into “current work” space

### **6. Composition of an article from the search and filtering results**

Cut and paste document content in a text editor

### **7. Save relevant news in the personal repository for long term use**

Put results into the personal repository

**End.**