

CHIST-ERA Projects Seminar

“From Data to New Knowledge”

C. Barras

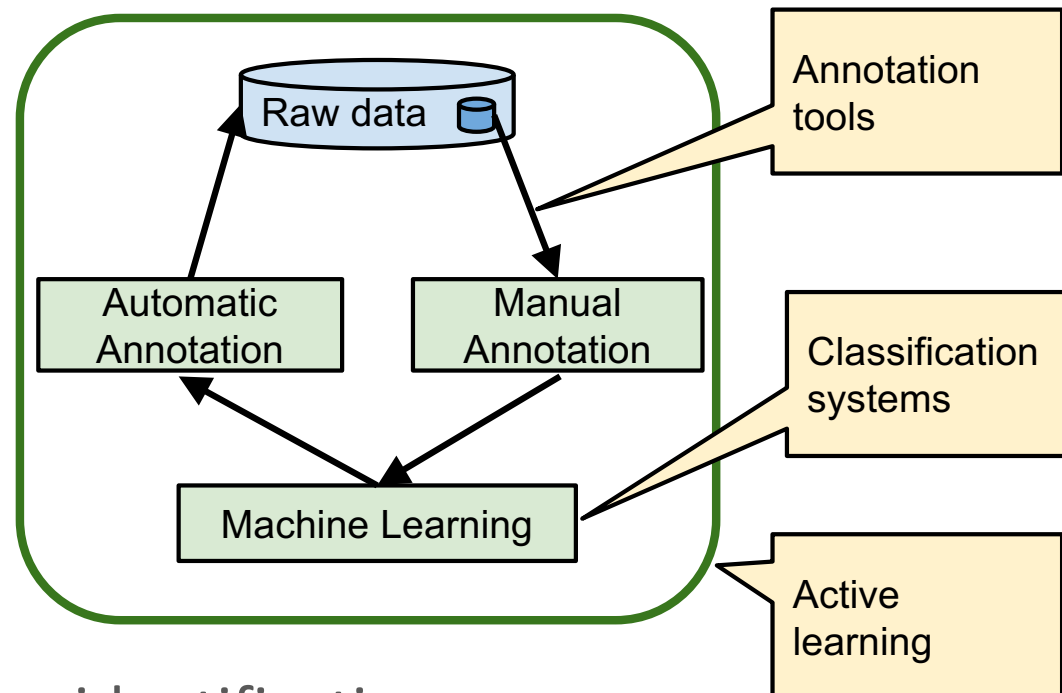
Brussels, March 22-23, 2017

❖ **camomile** Collaborative Annotation of multi-MOdal, Multi-Lingual and multi-mEdia documents

❖ **D2K call** - Oct. 1, 2012 to Nov. 30, 2016

❖ **6 labs** – LIMSI, IMMI, LIG (France), LIST (Luxembourg), UPC (Spain), ITU (Turkey)

❖ **Goals**



❖ **Unifying use case**

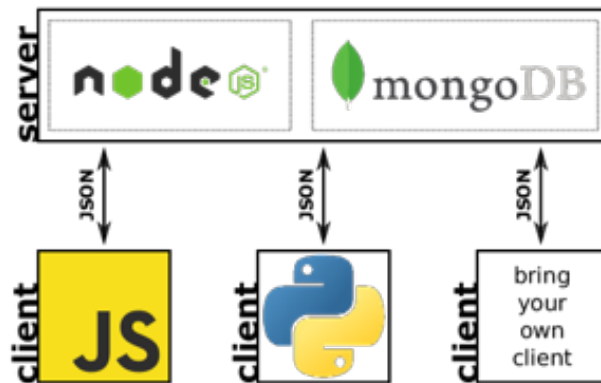
✓ Multimodal person identification

Major outcomes and achievements

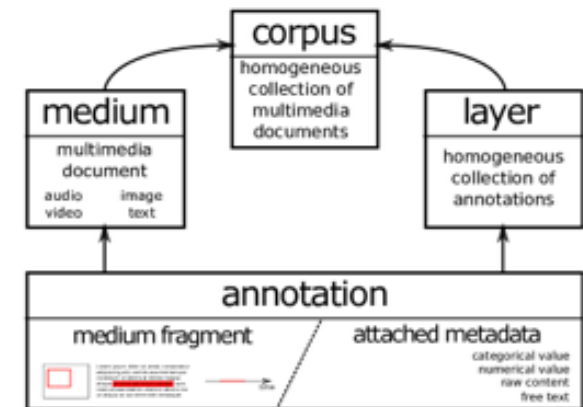
A platform for collaborative annotation of multimedia documents

authentication
permissions
notifications

we provide the back-end
you provide the front-end



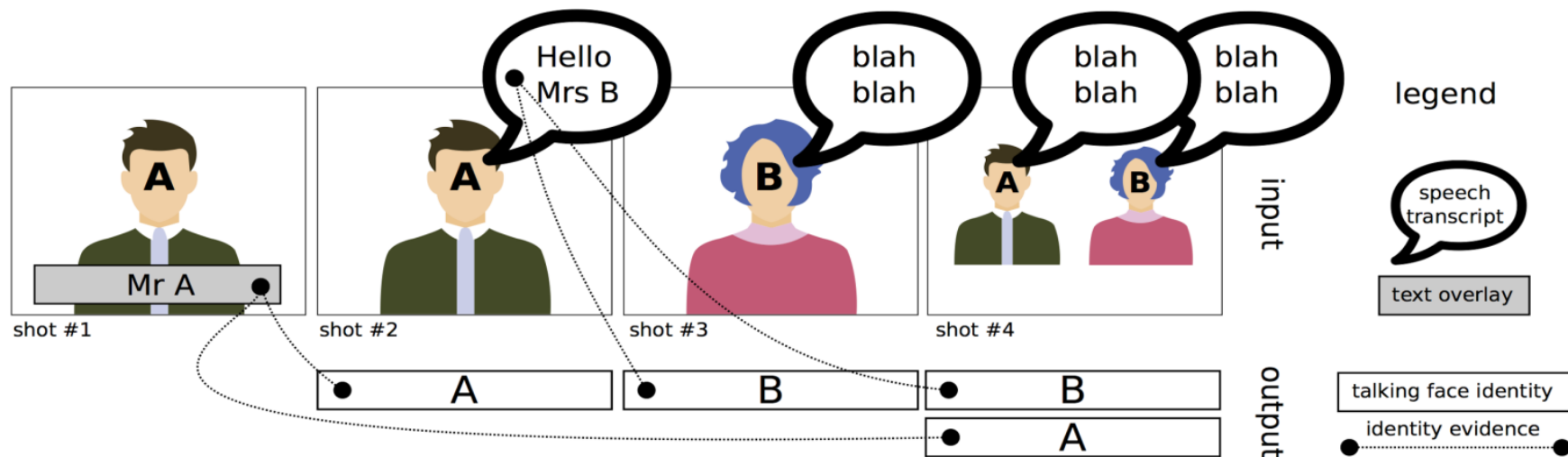
generic data model
audio, text, image, video



<https://camomile-project.github.io/>

Major outcomes and achievements

- ❖ Person Discovery in TV Broadcast
MediaEval 2015 and 2016 evaluation task
- ✓ Unsupervised person identification



- ❖ Evaluation workflow relying on our CAMOMILE framework
- ✓ A posteriori collaborative annotation of data set
- ✓ Live leaderboard

Remaining challenges and needs

- ❖ **Infrastructure is very important for research in artificial perception & machine learning area**
 - ✓ Data collection and annotation (collaborative)
 - ✓ Evaluation of technology (competitive)
 - ✓ Reproducible research (both)
- ❖ **... long-term funding is difficult**
 - ✓ Programs focus on innovation
- ❖ **Possible work-arounds**
 - ✓ Bottom-up from individual initiatives
 - ✓ Incremental effort
 - ✓ Shared across research communities



chist-era

Discussion ?