

# camomile collaborative annotation platform



LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY

UPC ITÜ

chist-era

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ANR

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TÜBİTAK

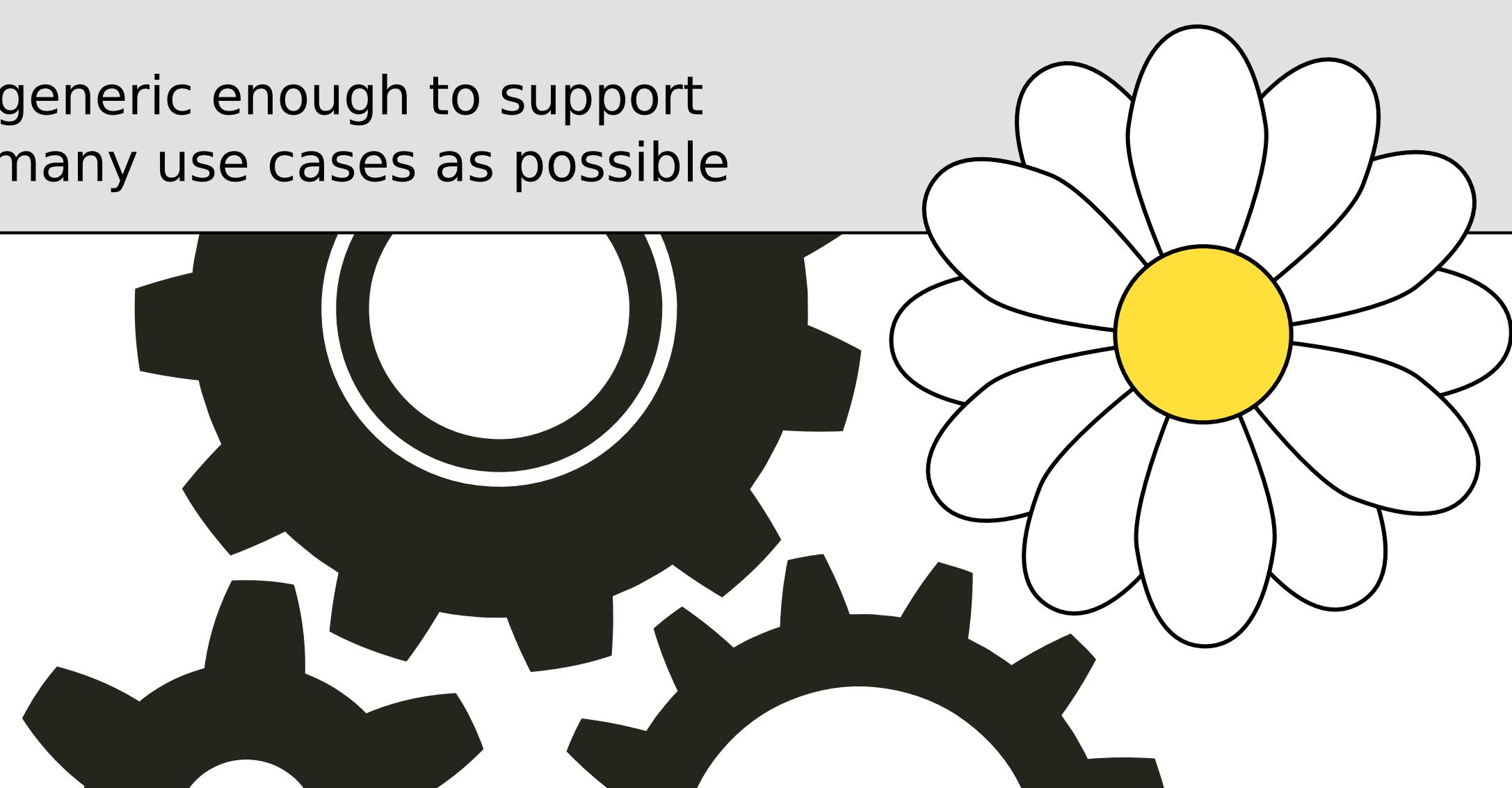
MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD

## objectives

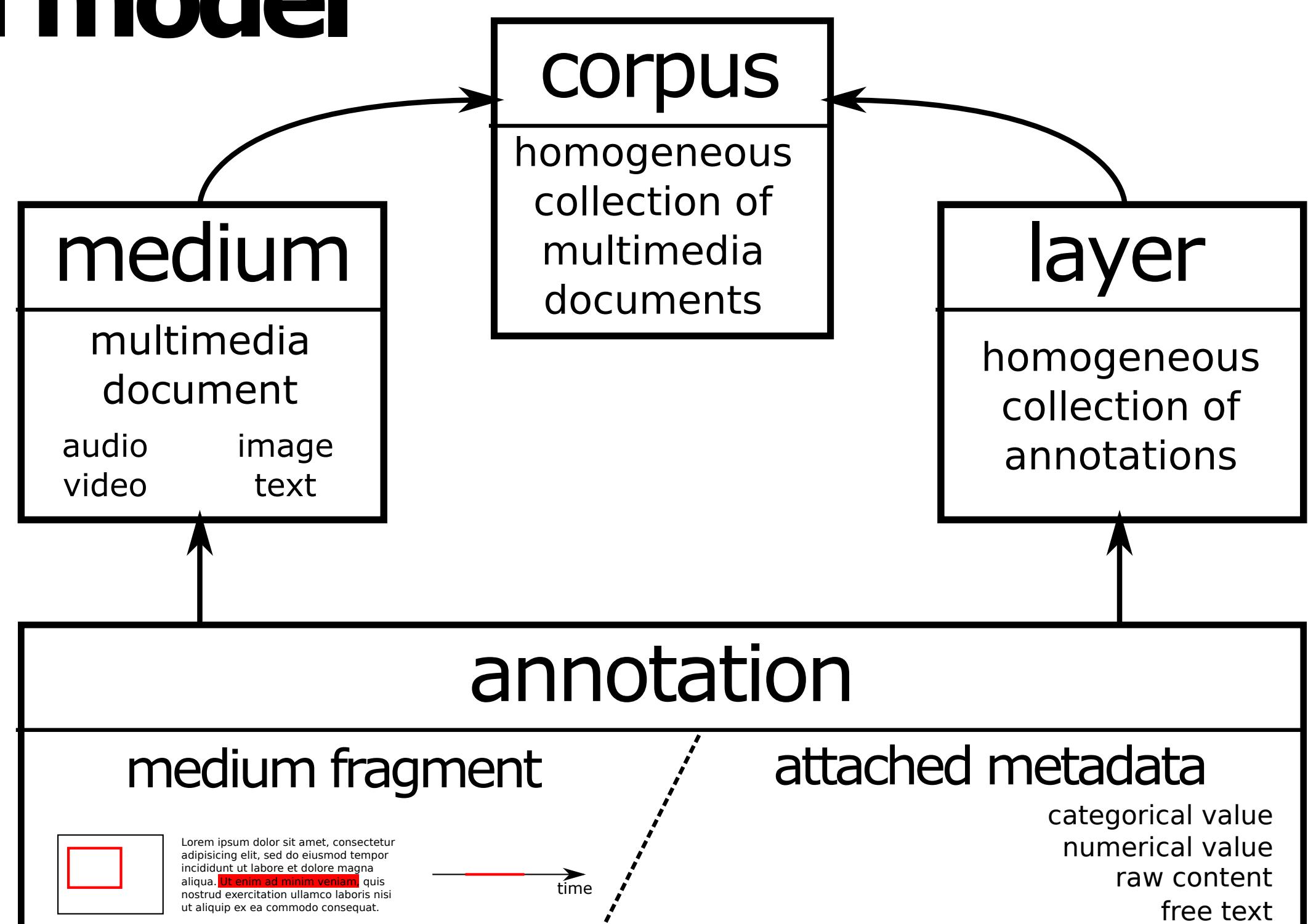
provide an architecture for effective creation and sharing of annotations of multimedia, multimodal and multilingual data

enable novel collaborative and interactive annotation tools

be generic enough to support as many use cases as possible

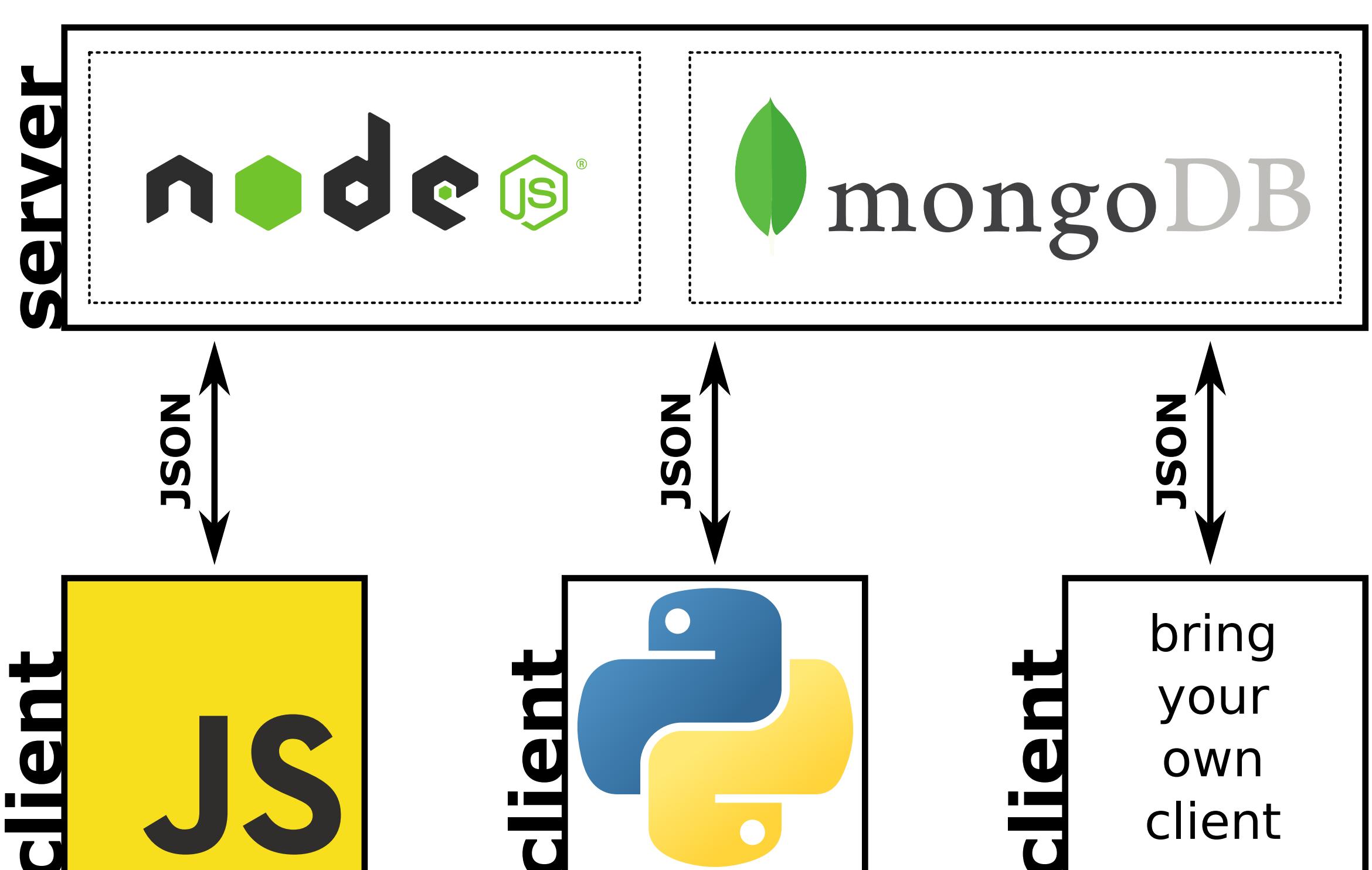


## data model



## open source

[github.com/camomile-project](https://github.com/camomile-project)



## REST API

**GET** /corpus/:idcorpus

obtain information about a corpus

**POST** /corpus/:idcorpus/medium

add a medium to a corpus

**PUT** /layer/:idlayer/annotation

update an annotation

**DEL** /annotation/:idannotation

delete an annotation

## and more...

user authentication  
permissions

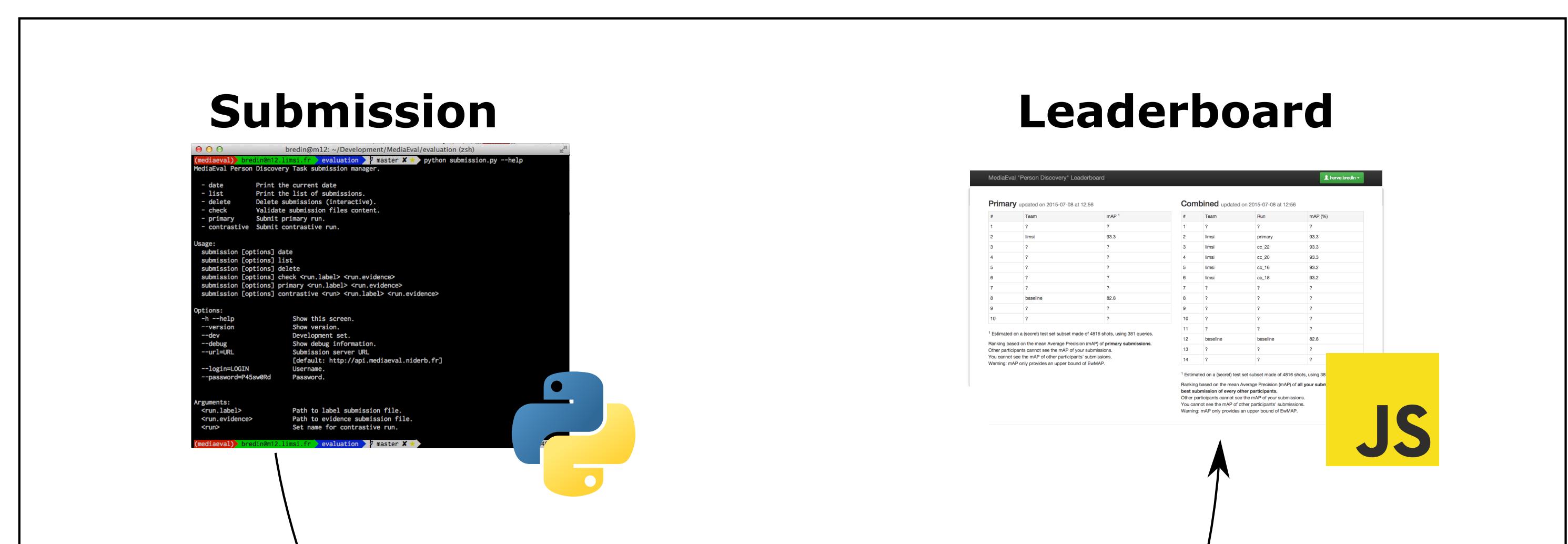
annotation history  
annotation queue



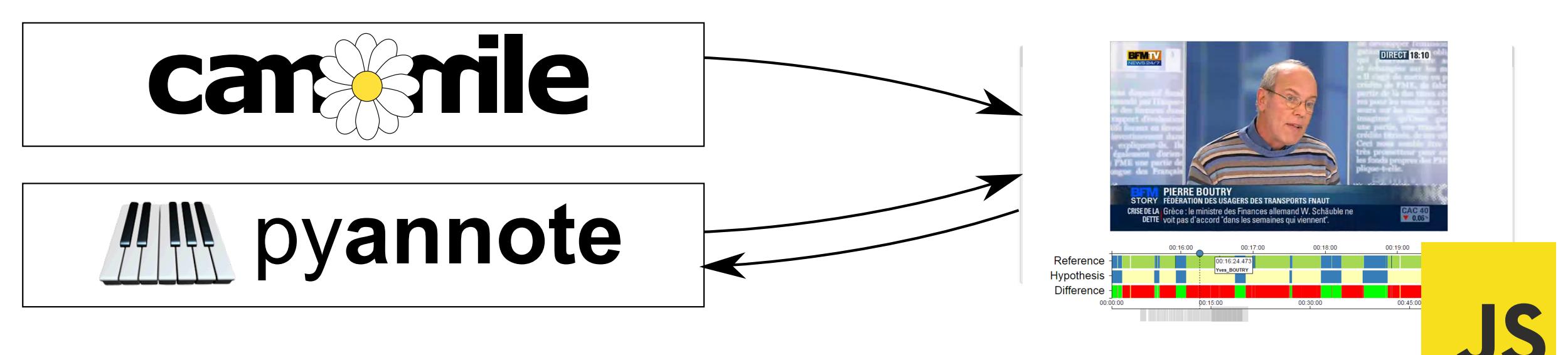
## online documentation

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

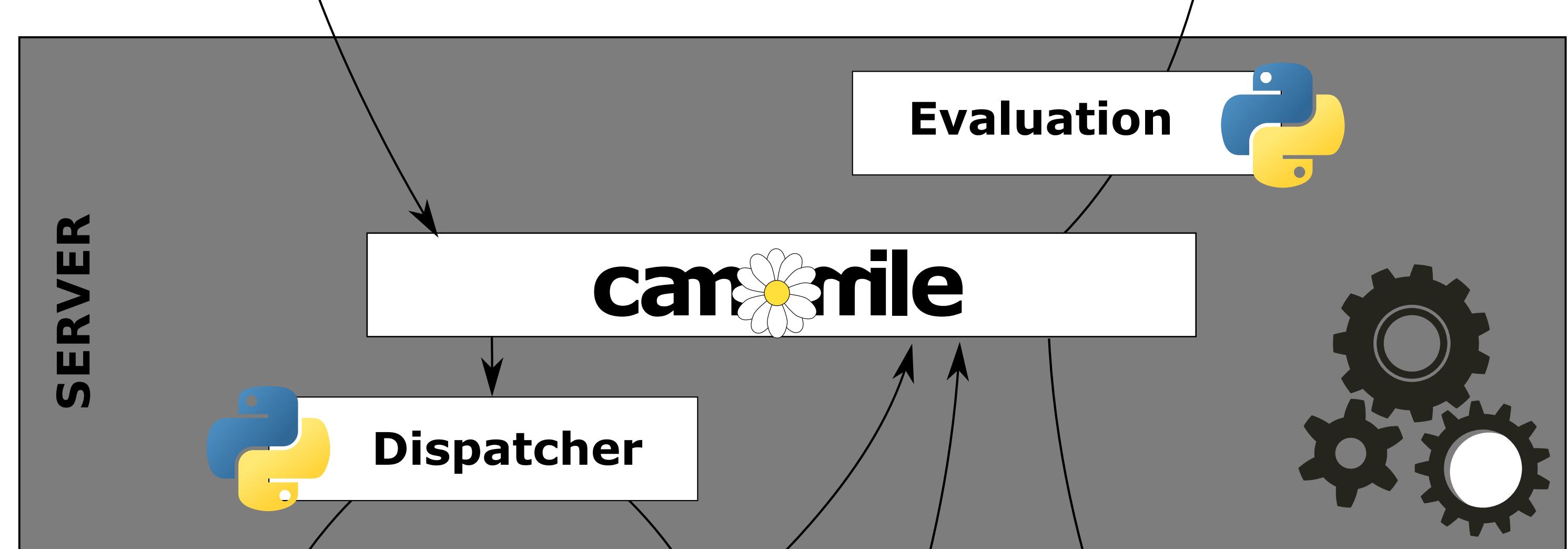
## use case 1 MediaEval Person Discovery



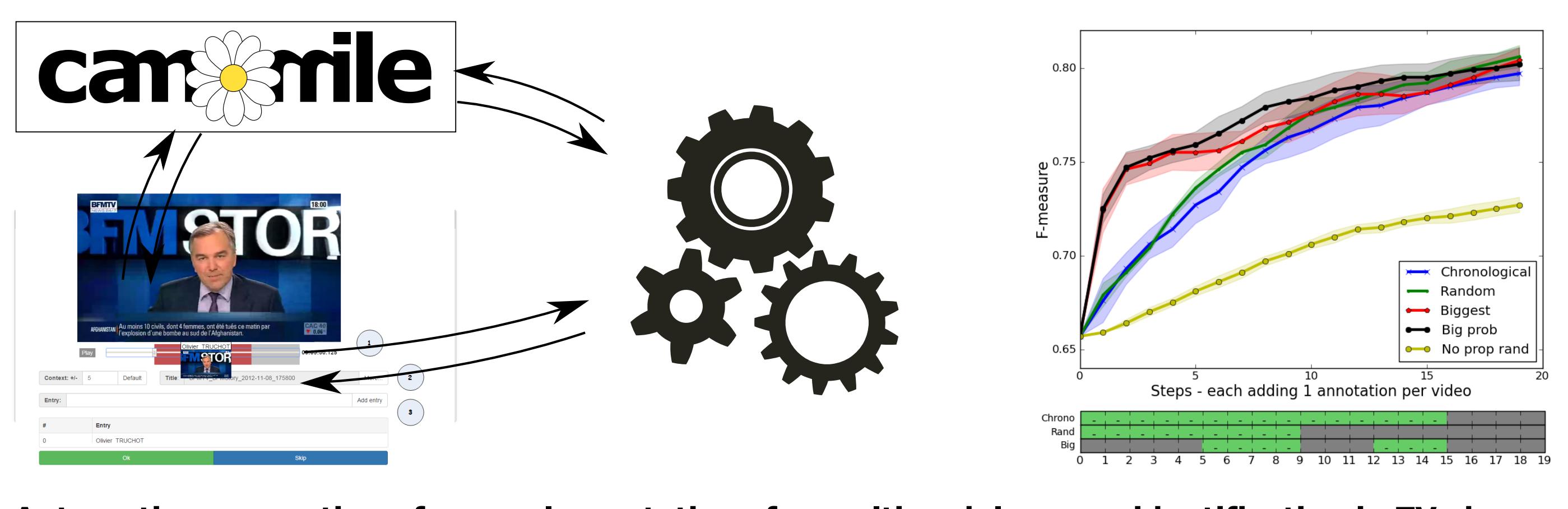
## use case 2 Error analysis



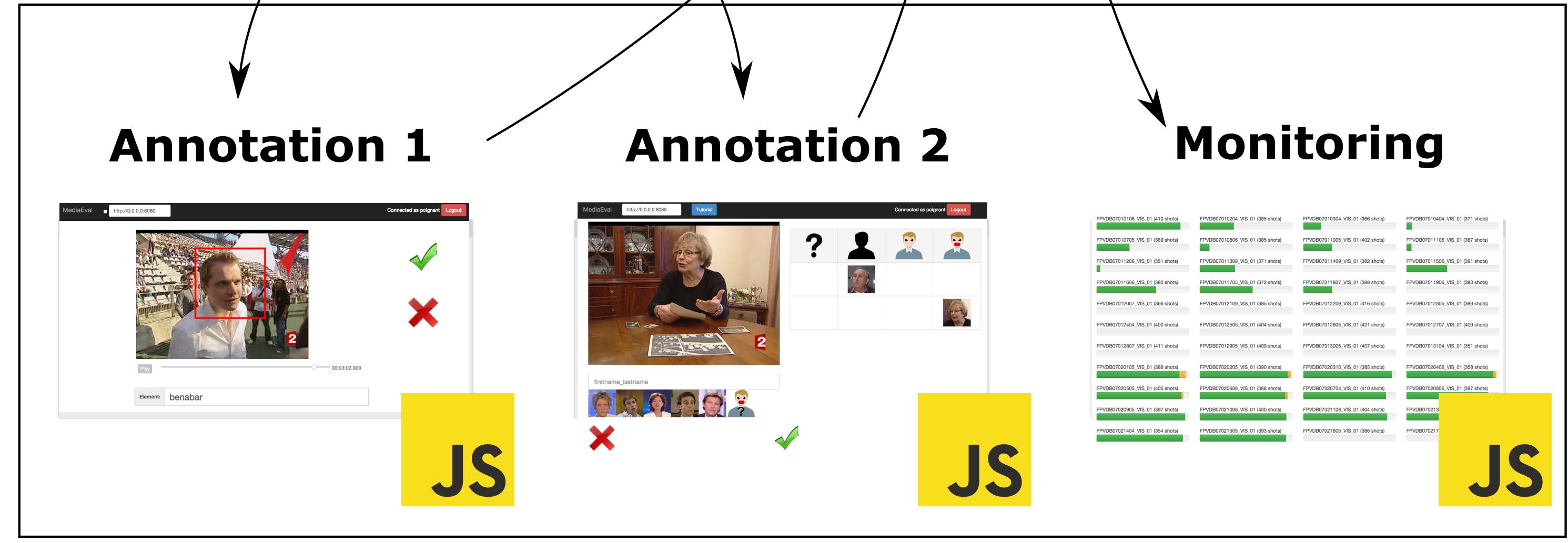
Visualizing multimodal person recognition errors: a REPÈRE use case of the Camomile project  
Hervé Bredin, Pierrick Bruneau, Anh-Phuong Ta, Claude Barras  
Workshop on Errors by Humans and Machines in multimedia, multimodal and multilingual data processing  
ERRARE 2013, November 2013, Ermenonville, France.



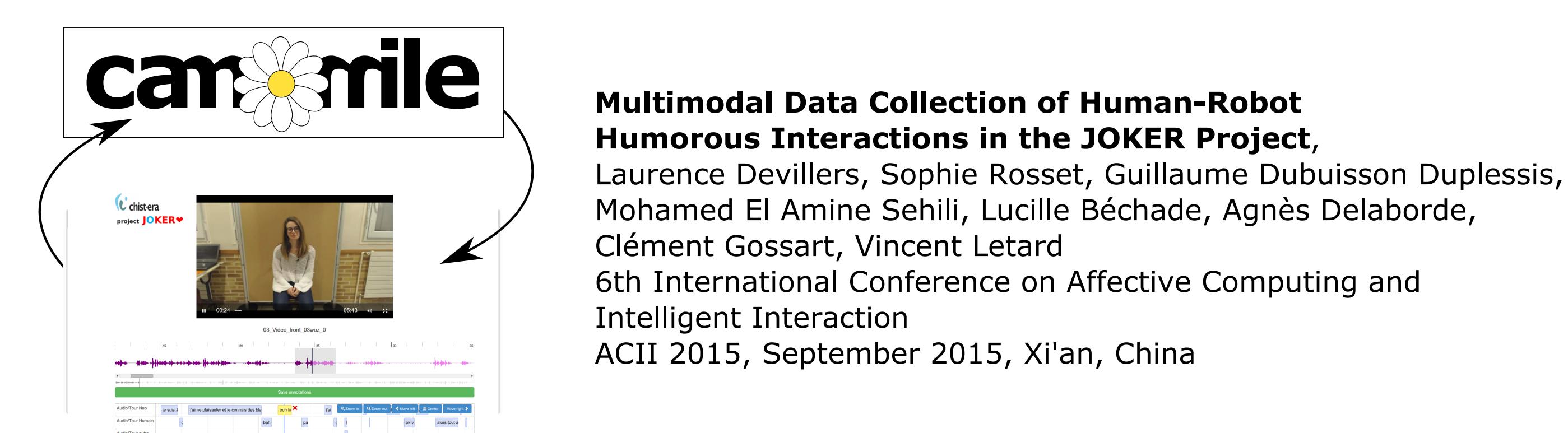
## use case 3 Active learning



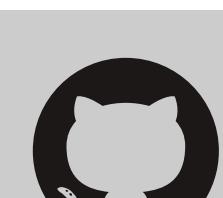
Automatic propagation of manual annotations for multimodal person identification in TV shows  
Mateusz Budnik, Johann Poignant, Laurent Besacier, Georges Quénot  
12th International Workshop on Content-Based Multimedia Indexing  
CBMI 2014, June 2014, Klagenfurt, Austria



## use case 4 Annotation campaign



Multimodal Data Collection of Human-Robot Humorous Interactions in the JOKER Project,  
Laurence Devillers, Sophie Rosset, Guillaume Dubuisson Duplessis,  
Mohamed El Amine Sehili, Lucille Béchade, Agnès Delaborde,  
Clément Gossart, Vincent Letard  
6th International Conference on Affective Computing and Intelligent Interaction  
ACII 2015, September 2015, Xi'an, China



[github.com/camomile-project](https://github.com/camomile-project)

[camomile.limsi.fr](http://camomile.limsi.fr)