imaginove
CONTENTS CLUSTER IN RHÔNE-ALPES

ADVENE
Annotate Digital Video, Exchange on the NEt

Annotate Digital Videos, Exchange on the NEt

Project

The Advene project aims at developing an open-source cross-platform framework for hypervideo engineering, that allows to

1/ annotate audiovisual documents, i.e. to associate information to specific fragments of a video;

2/ provide augmented visualisations of the video, using the annotation structure;

3/ exchange the annotations and their associated visualisation modes independently from the original video, as documentary units called packages.

The goal of the project is to foster innovative uses of audiovisual material, allowing users to quickly experiment with new visualisation ideas, based on existing or specifically created metadata. Teachers, researchers, moviegoers, etc. can use them to exchange multimedia comments and analyses about audiovisual documents.
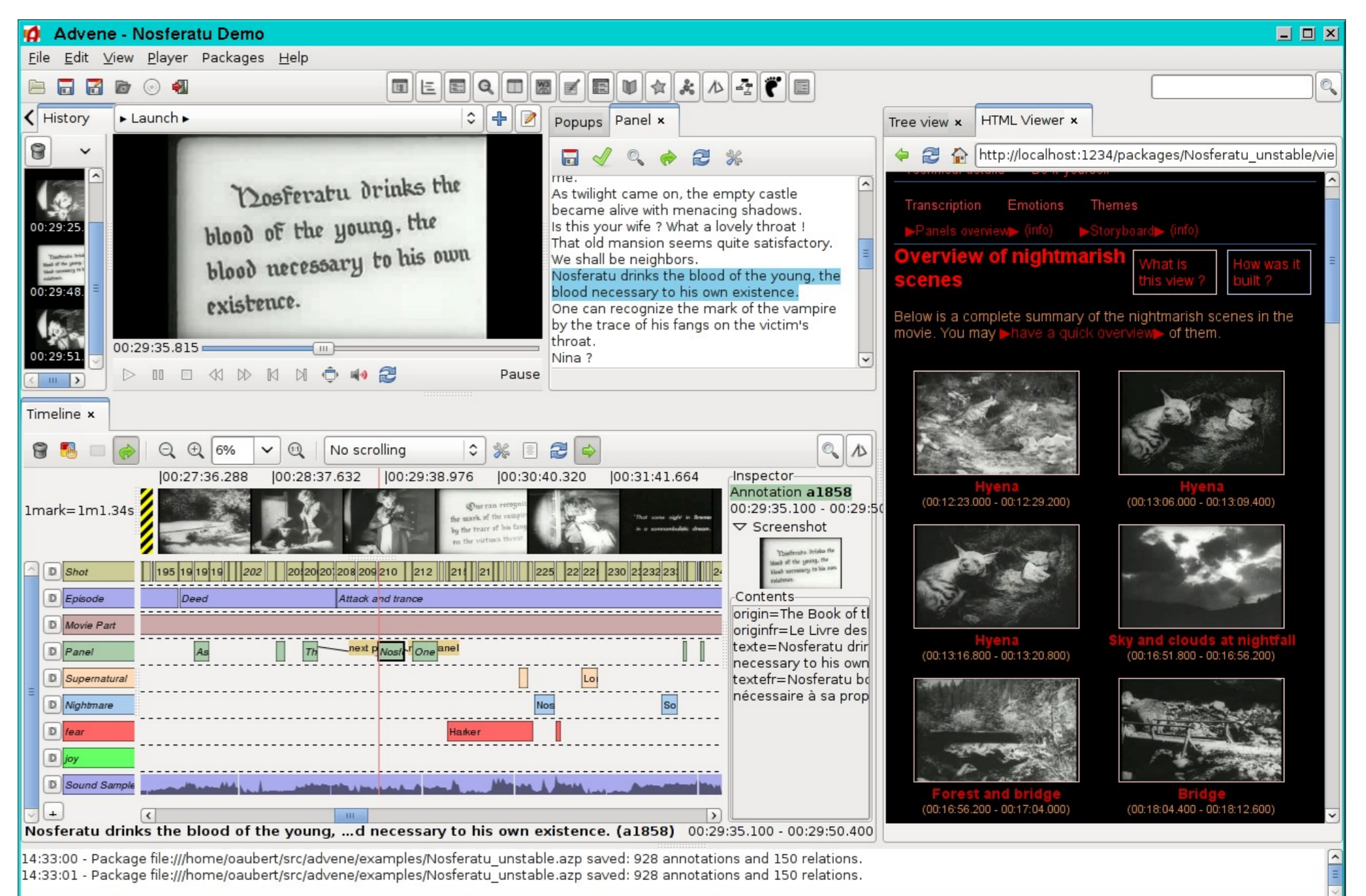
Partners

Research laboratory

LIRIS – UMR 5205 CNRS – Université Lyon I
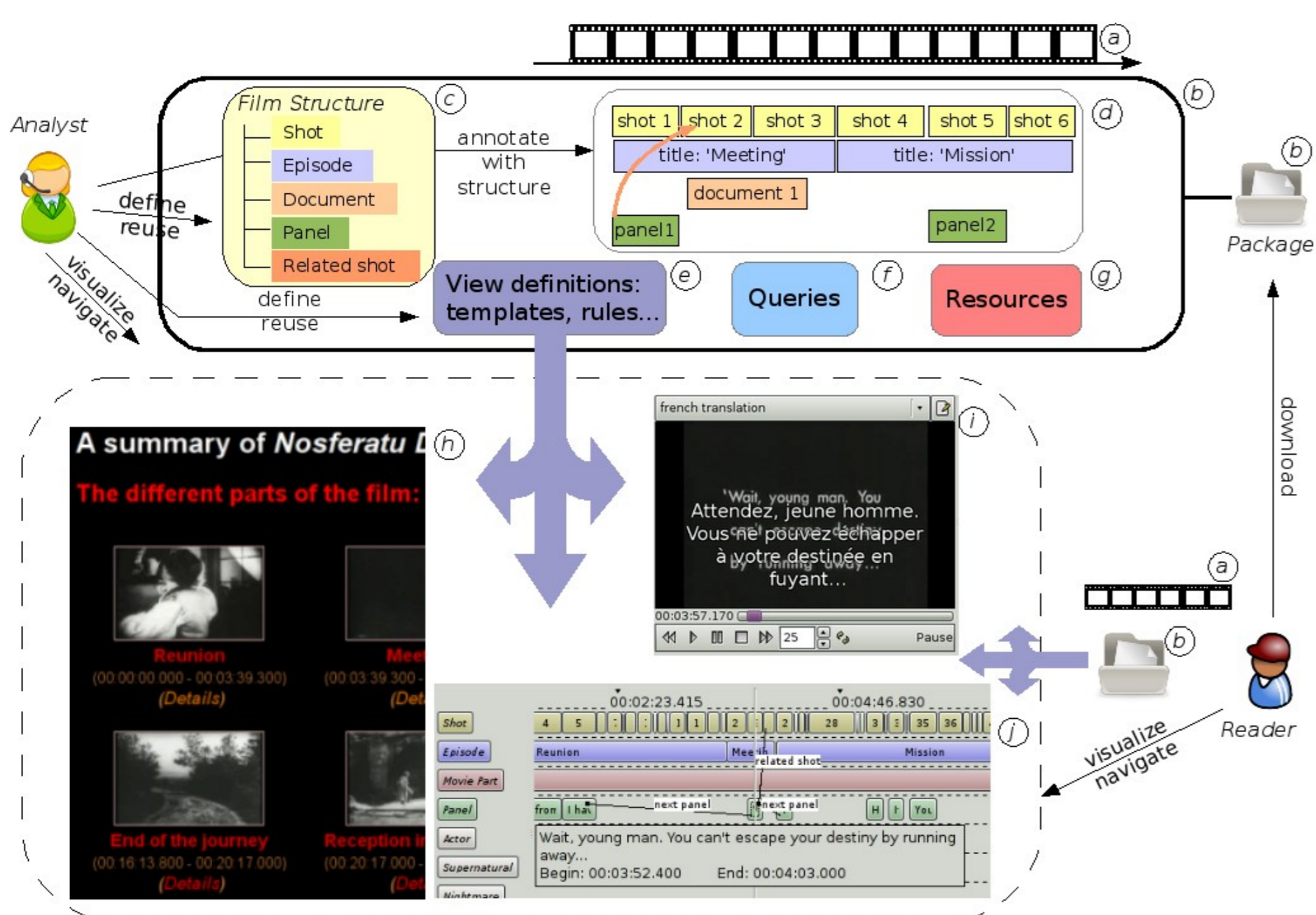
Website : http://www.advene.org/

Support : ANR (Cinelab project)

The Advene principle : data structure and visualisations
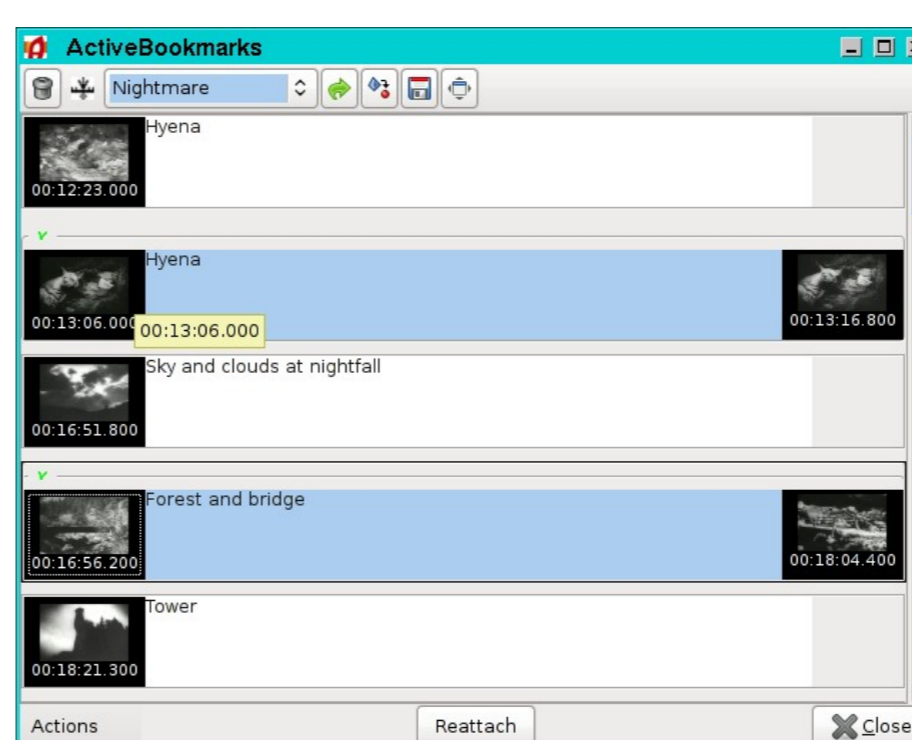
Innovation

The main investigation field of the project concerns the exploration of new interaction modalities for dealing with audiovisual documents. The dynamic nature of the documents raises ergonomic issues in the annotation process as well as the visualisation process. As Advene offers users the possibility to define their own annotation structures and visualisation, it is an adaptable tool, fitted to the variety of tasks. In addition, Advene helps us to study how user-lead innovation can lead to the emergence of new annotation structures or visualisations. We also explore the exploitation of user activity traces, to improve individual and collective work.
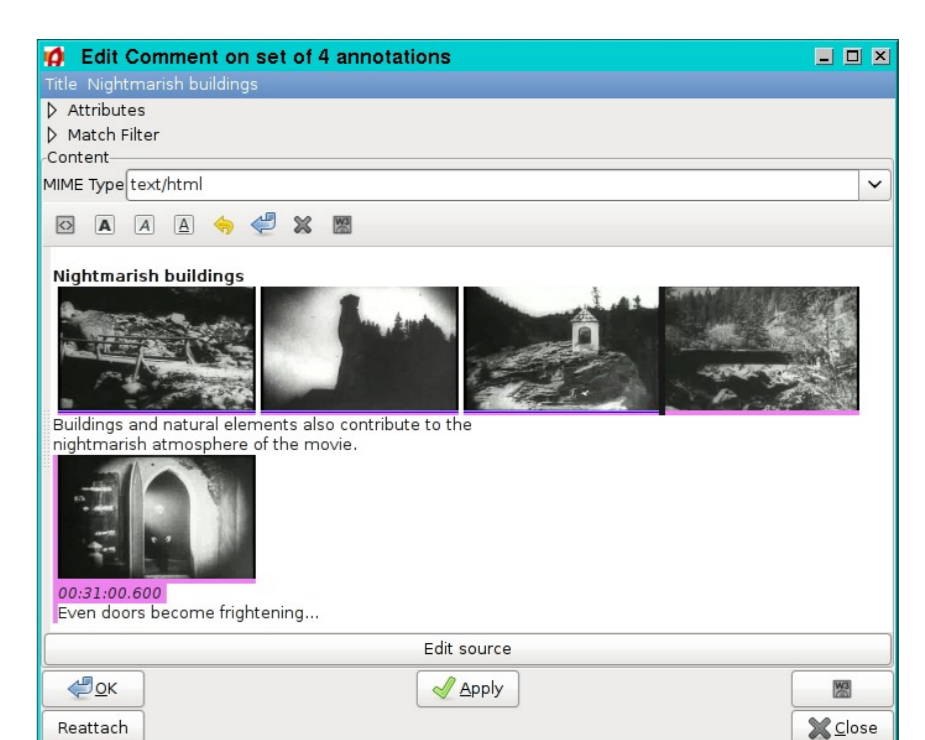

The main interface with various data visualisations

Bookmark organisation

Commenting with annotations