

Biweekly report nº 6

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Thesis: Video-on-Demand system for IPTV

→ Objectives

- Finish the Administration's interface.

→ Finished tasks

- Every web service was implemented in the Administration's interface including three new services. Insert, remove and getServers was added to provide access to every Media Server available. In the future this provides a way to direct users to a close Server, given that all the server's will be in the database. Statistics can be now retrieved from each of this Media Server's.

- The IMDB engine is also installed and working with some minor bugs. Given that some movies don't have all the contents that our service demands, this may cause casting faults in the service. Otherwise all the information is serialized according to our service needs and delivered successfully to the database.

- REST service's are now available for all the User services to facilitate implementation.

→ Difficulties

- The Axis2/Java implementation with Rampart/Java is not very compliant with the Rampart/C proving to be very difficult to implement WS-Security properly. To overcome this problem, we can easily expose the existing SOAP services as REST services, and use the JavaFX HTTP library to access to this services.

→ Next tasks

- Implement the Client's Interface.