Biweekly report nº 4
21/03 - 03/04

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Thesis: Video-on-Demand system for IPTV

➡ **Objectives**

- Implement the server's main interface web services – deadline 08/04

➡ **Finished tasks**

• Most of the web services methods are completed. Some new methods were included like admin.addaccess() to provide, a specific user, access to the media server's session. Also a user.editPassword() was added to support password changes. Other methods were deprecated because they had no use anymore. These were: admin.editUsers() and user.authRequest(). The authentication request is not needed as every operation call must include a Username token in the soap header as WS-Security, a soap security extension, requests.

• Most of the services were tested with individual c++ client implementations. To make it easier in the future to apply any of these services in a client, WSDL files where created, according to the specifications.

• The WSF/PHP framework (same group as the WSF/CPP) was installed and one service was implemented to test its viability. The test was successful.

➡ **Difficulties**

- Nothing to add.

➡ **Next tasks**

• Implement the remaining services: admin.getStatistics() and do a brief debugging, testing faulty usage situations.
• Update the SRS document.
• Start building the administration's interface with PHP Web Services Framework (WSF/PHP).