

Development of the Information System at the Faculty of Sciences in Novi Sad

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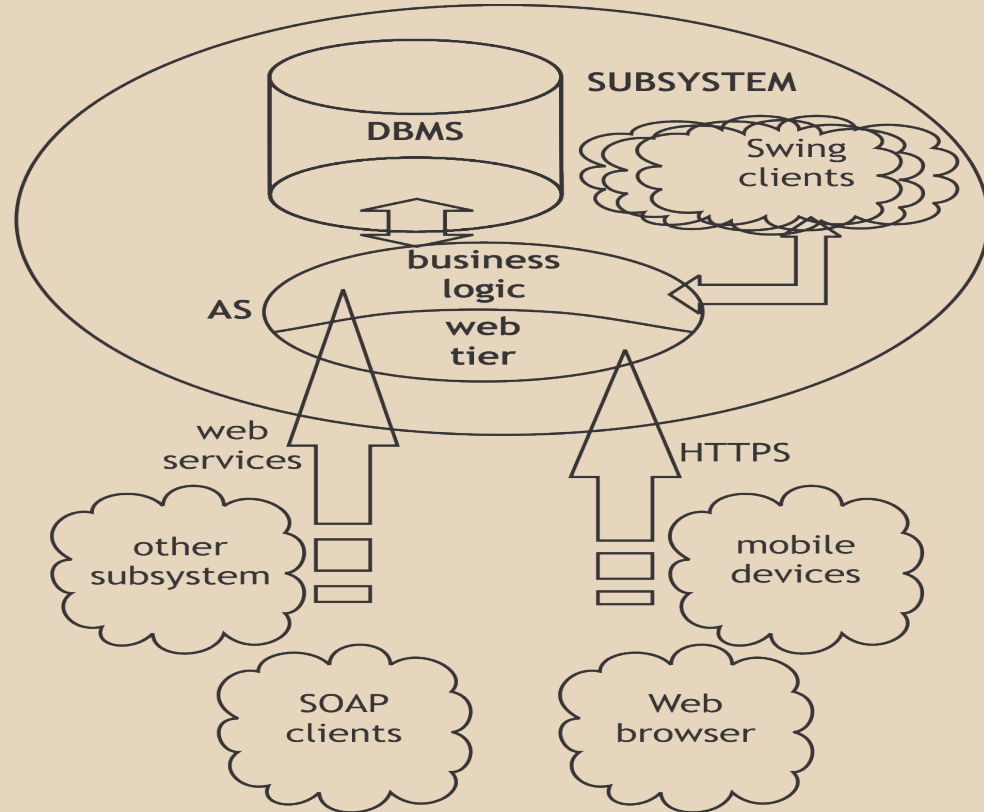


Introduction

- The need for a modern information system at the Faculty of Sciences
- Establishment of the Information Systems Development Laboratory - “RIS”
- Free software only
- IS developed by the faculty staff

Architecture

- Independent subsystems
- Can function independently
- Integrated at the Faculty of Sciences



Subsystems

- student affairs
- accounting
- human resources
- self assessment
- digital archive and document management
- e-learning
- library subsystem
- web subsystem
- conference and journal management
- research results

Network

- IS relies on network infrastructure and services
- Network reconstruction in 2009
- Server infrastructure
- Network administration team
- web sites, e-mail, LDAP, VPN, personal space, cloud, wireless, etc.

Tools

- Java EE
- Eclipse
- JBoss AS/WildFly
- PostgreSQL
- EJB
- GWT
- Web services
- Alfresco
- OJS + OCS
- Moodle
- Angular+Bootstrap+RESTful