

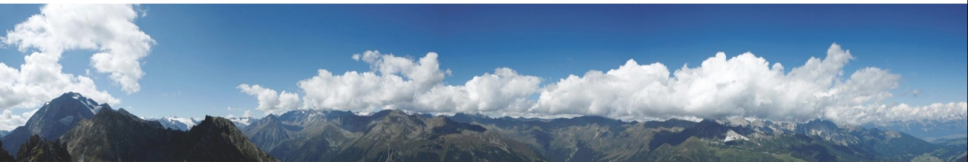


STI · INNSBRUCK

703657 PS/2 Web Engineering

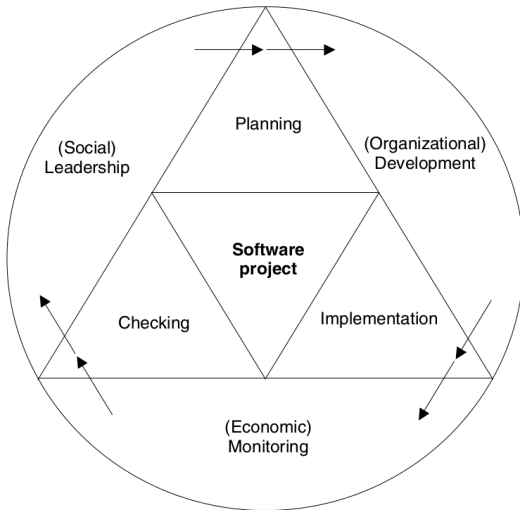
Task 7 - Project Management & Deployment

Wednesday, 2015-06-03



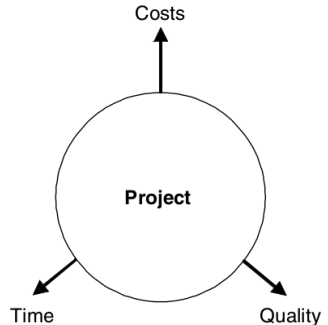
Schedule - Where are we now?

Session	Date	Task
1	Wed, 2015-03-11	Project idea
2	Wed, 2015-03-18	Requirements engineering
3	Wed, 2015-03-25	Web Application Modeling
4	Wed, 2015-04-15	Progress / Presentation
5	Wed, 2015-04-22	Web Application Modeling II
6	Wed, 2015-04-29	Testing and Usability
7	Wed, 2015-05-06	Mid-Term Report / Presentation
8	Wed, 2015-05-13	Project Implementation
9	Wed, 2015-05-20	
10	Wed, 2015-05-27	
11	Wed, 2015-06-03	Progress / Presentation
12	Wed, 2015-06-10	Project Management & Deployment
13	Wed, 2015-06-17	-
14	Wed, 2015-06-24	Final Report / Presentation



A project → has to be well balanced:

- i) the available **budget**
- ii) the fixed **time** horizon
- iii) the projected product **quality**



Project management tools:

- i) To handle project management tasks:
 - time recording
 - maintaining a diary
 - archiving and versioning documents
 - logging
 - blackboards
 - ...

- ii) To facilitate team management, communication and collaboration

Activities that make a software system available for use.

1. Assembling/Packaging → the process of combining components of an application or module into a single unit that can be installed on an application server
2. Deploying → the process of installing the packaged application or module to an application server
 - i) Tomcat Web Application Deployment ¹
 - ii) JBoss Web Web Application Deployment ²
 - iii) GlassFish Server deployment tools ³
 - iv) ...

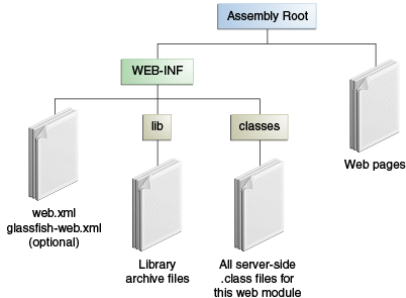
¹<https://tomcat.apache.org/tomcat-8.0-doc/deployer-howto.html>

²<http://docs.jboss.org/jbossweb/7.0.x/deployer-howto.html>

³<https://glassfish.java.net/docs/4.0/application-deployment-guide.pdf>

WAR (**W**eb application **A**Rchive):

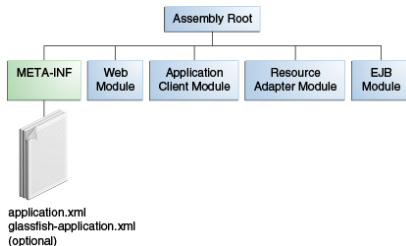
A collection of servlet class files, web files, supporting class files, image, HTML files and other resources



EAR (**E**nterprise **AR**chive):

Packaging one or more modules into a single archive, contains Java EE modules and deployment descriptors

- i) Java EE deployment descriptor → to configure deployment settings on any Java EE-compliant implementation
- ii) Runtime deployment descriptor → to configure Java EE implementation-specific parameters





Group assignment (additional) ⁴

1. Briefly describe how do you manage your project:
 - i) Any project management tools you are currently use
 - ii) Any plans and preparations for deployment
 - Describe what you would do to run your application on different machine:
 - making sure all dependencies are satisfied
 - setting database
 - ...
 - Your programming framework might integrated with an application server and an automated deployment tool
2. Send your answers to the tutor by the next session (Wednesday, 2015-06-10, 08.15) at the latest

⁴Extra points will be awarded