

# On your deliverables

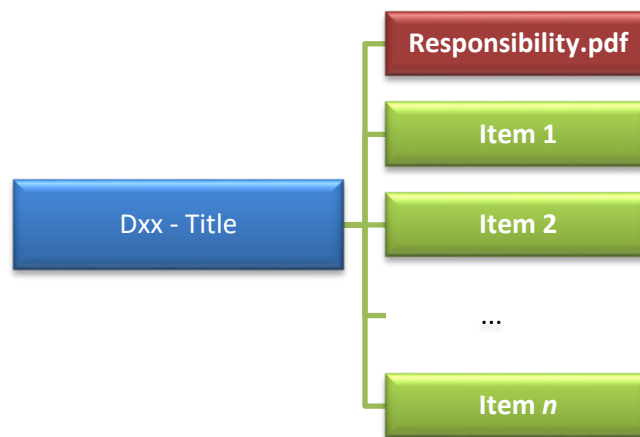
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## Abstract

This document explains how to package your deliverables. It is very important that you follow the guidelines in this document, since, otherwise, your deliverables shall be considered failed.

## Structure

Please, organise your deliverable in a folder with the following structure:



That is, create a folder whose name consists of the code of the deliverable (Dxx), a hyphen, and then the title of the deliverable, e.g., “D01 - Introduction”. The deliverable folder must contain a “Responsibility.pdf” file and a number of item subfolders.

File “Responsibility.pdf” must be instantiated from the template that is provided by the lecturers. Please, read it carefully, fill in the identification fields, check the responsibility statements, date the document, sign it, and make sure that you understand what you’re signing. No deliverable shall be evaluated unless it contains a dated, signed copy of the responsibility statement in which you’ve checked every check box.

The item subfolders must be named “Item 1”, “Item 2”... “Item *n*”. The contents of an item subfolder depend completely on the description of the corresponding item. Below you may find a few general guidelines:

- Projects must be delivered in Eclipse/Maven format. You have to provide the folder with your project, not your entire workspace.
- Queries must be delivered in “.sql” format, which are plain text files.
- jMeter tests must be delivered in “.jmx” format.

- Reports, UML models, mock-ups, algorithms, and other such items must be delivered in PDF format, unless otherwise stated.

There are cases in which an item depends on another item and you may be tempted to deliver only the former. Please, never do that: each item shall be evaluated independently by a different lecturer and each item shall be evaluated according to its corresponding description. As a conclusion, you must deliver each item independently from the others; otherwise, only one of them shall be evaluated.

## Packaging

Use the 7-Zip utility to compress your deliverable folder. It is available at <http://7-zip.org> and it is totally free of charge. You may use your favourite compression method as long as it can be handled by 7-Zip on the virtual machines that we have handed to you.

## Levels

The items in a deliverable are organised in four levels, namely:

- Level C (“Aprobado 6”);
- Level B (“Notable 8”);
- Level A (“Sobresaliente 9”);
- Level A<sup>+</sup> (“Sobresaliente 10 con opción a matrícula de honor”).

The minimum required level is C; you must make sure that your deliverable fully complies with the requirements to earn a C. If you wish to earn a B, you then have to pass level C before; if you wish to earn an A, you then have to pass levels B and C before. Earning an A<sup>+</sup> means that you have to pass levels C, B, and A before. In other words, if you deliver the items that correspond to levels C and A, but not the items that correspond to level B, then the maximum mark that you may attain is a C (“Aprobado 6”).

## Submission

Your deliverables must be submitted through the USE’s e-learning platform. The lecturers shall create appropriate tasks so that you can submit them.

In the exceptional case that the USE’s e-learning platform is down, you can use the following alternate procedure:

- Upload your deliverable to [consigna.us.es](http://consigna.us.es) by the deadline. In the extremely exceptional case that both the USE’s e-learning platform and [consigna.us.es](http://consigna.us.es) are down, you may upload your deliverable to any public storage system as long as it records the exact time when it’s uploaded.

- Contact Prof. Corchuelo by email, and let him know of the problem. Attach as many evidences as you think might be useful to prove that there was a problem with the USE's systems. Do not forget to let Prof. Corchuelo know of the URL and the passwords required to download your deliverable.
- Prof. Corchuelo shall contact you with instructions to upload your deliverable to the USE's e-learning platform if the problem was actually due to technical difficulties with the platform.

**WARNING:** Please, note that the alternate procedure is not a means to cheat. Submissions using this procedure shall only be accepted if there are actual technical problems with the USE's e-learning platform and the deliverable is uploaded by the deadline. Note that the USE's systems keep a log of activities and it's very easy to check if there was an actual problem or not. It is your responsibility to submit your deliverables by the deadline. Note too, that email messages that are not sent from your USE's email account are discarded automatically.

## Project evaluation procedure

This is the general evaluation procedure that a lecturer shall use to evaluate your projects:

- He or she shall evaluate it on the virtual machine that we have handed to you. He or she shall use the "Student" account, which does not have any administrative privileges.
- He or she shall create the corresponding database. For instance, if you're requested to produce a project called "My Project", then he or she shall execute the following script:

```
drop database if exists `My-Project`;
create database `My-Project`;
grant select, insert, update, delete
on `My-Project`.* to 'acme-user'@'%';
grant select, insert, update, delete, create, drop, references, index, alter,
create temporary tables, lock tables, create view, create routine,
alter routine, execute, trigger, show view
on `My-Project`.* to 'acme-manager'@'%';
```

- He or she shall open a command shell and shall execute the following command on your project folder:

```
mvn clean install tomcat7:run-war
```

- He or she shall check that your project meets the minimum requirements that were specified in the corresponding requirements specification. If the minimum requirements are not met, then the deliverable shall be considered failed.

We strongly recommend that you follow this procedure before submitting your deliverables.