

Intended Learning Outcomes

Session 01

This introduction session is concerned mainly with just finding out what the subject is about.

By completing this study session¹ you should be able to:-

- find the on-line resources at UOW that support this taught subject;
- state and discuss the summarised learning outcomes for the subject (as part of assimilating the scope of the subject);
- describe the 'study commitments' required for this subject, i.e., what is expected in tutorials, labs, etc;
- identify and document an initial 'data modelling' example that you can use for a tutorial presentation;
- provide an informal five minute presentation that demonstrates your initial investigation of XML.

Every week (referred to as a session) there will be a document made available on-line (like this one) which describes the Intended Learning Outcomes and which provides a collection of tasks. The tasks should always be taken seriously and should be tackled during the week immediately after the lecture. At the following week's tutorial (i.e., one week after the tasks are issued) you will be expected to provide evidence that you have tackled the work. The evidence will include you uploading a presentation to the WebCT site before the tutorial starts (at a time specified by the tutor) and will frequently involve you delivering that short presentation (e.g., five minutes) to the rest of the tutorial group. You must get used to the idea that you will regularly prepare a presentation (just four or five slides) as part of leading a discussion.

Activities / tasks in Session 01 include:-

➤ 1. Check the on-line resources

Access to the Subject Outline document and all other on-line material assumes that you registered to use the University's WebCT facilities which should be automatic if you are enrolled for this subject on your course.

Check the on-line resources regularly. Sometimes there are important resources made available before the lecture that you should print and bring to the lecture. Sometimes resources are made available deliberately after the lecture.

Note that the WebCT site for this subject will be brought on-line during week 1, after which it will be the primary source of information for this subject. The site will be at the usual WebCT address at <http://www.uow.edu.au/lol>

➤ 2. Read both of these documents - Subject Outline and the Session 01 Notes

The first lecture will include a presentation / discussion of how the subject will be conducted, including content, assessments, what to expect in lectures, how to prepare for tutorials, etc. See the Subject Outline document issued at the first lecture and available from the subject website. Make absolutely sure that you know what is expected for participation in tutorials – work must be prepared before attending each tutorial and your participation in tutorials is assessed.

➤ 3. Read the following texts from the ITCS201 resources and prepare a two-slide five-minute presentation

Read references [1], [2], [3] at the end of this document. These provide some introductions to XML. Prepare a short PowerPoint presentation (two or three slides and five minutes maximum) with the title: "About XML – what is it and what is it used for?". Upload your PowerPoint presentation to WebCT by no later than 11.30am on the day of the week 2 tutorial. While reading these references, refer to the Subject's Learning Objectives on page 2 of the Subject Outline. Ask yourself "has your reading contributed to achieving some of these Learning Objectives?"

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¹ The phrase 'By completing this study session' needs to be well understood. It means all of the following :- participating in the 3 hours per week lecture, tutorial and lab; completing the exercises and tasks set in the lecture and/or tutorial/lab; reading and discussing the material from the recommended references and resources; using the additional 9 hours per week self-directed study time appropriately.

Activities / tasks in Session 01 ...continued

- 4. Choose and briefly document your ‘structured collection of identifiable things’. Prepare a one-slide two-minute presentation to describe your collection.

The outputs of this task will be used and further developed during the subject, so please take this task seriously. Initially all you need to do is decide on any “structured collection of identifiable things”; below are a few examples just to get you thinking, but please invent your own example. Pay attention to indentation; indentation expresses important structural aspects of the collection.

<p>Ex 1. My House</p> <p>MyHouse</p> <p> upstairs</p> <p> bedroom</p> <p> bed</p> <p> wardrobe</p> <p> bathroom</p> <p> bath</p> <p> basin</p> <p> downstairs</p> <p> lounge</p> <p> television</p> <p> settee</p> <p> kitchen</p> <p> cooker</p> <p> fridge</p>	<p>Ex 2. My Garden</p> <p>MyGarden</p> <p> mammals</p> <p> cat</p> <p> dog</p> <p> birds</p> <p> crow</p> <p> cockatoo</p> <p> parrot</p> <p> insects</p> <p> butterfly</p> <p> spider</p>	<p>Ex 4. Solar System</p> <p>SolarSystem</p> <p> TheSun</p> <p> Planets</p> <p> Mercury</p> <p> Venus</p> <p> Earth</p> <p> Mars</p> <p> Saturn</p> <p> Jupiter</p> <p> Uranus</p> <p> Neptune</p> <p> Pluto</p>	<p>Ex 5. My Course</p> <p>MyCourse</p> <p> Level 1 Subjects</p> <p> <i>SomeSubject</i></p> <p> <i>AnotherSubject</i></p> <p> Level 2 Subjects</p> <p> ITCS201</p> <p> <i>AnotherSubject</i></p> <p> Level 3 Subjects</p> <p> <i>SomeSubject</i></p> <p> <i>AnotherSubject</i></p>
	<p>Ex 3. Music Lib</p> <p>MusicLibrary</p> <p> Pop</p> <p> Coldplay</p> <p> Madonna</p> <p> Classical</p> <p> Mozart</p> <p> Beethoven</p>		<p>Ex 6. OfficeDocs</p> <p>OfficeDocs</p> <p> Invoices</p> <p> 2003</p> <p> 2004</p> <p> Receipts</p> <p> 2003</p> <p> 2004</p>

SUMMARY

Before you arrive at the first tutorial in week 2 you should:-

- have achieved all the session 01 learning outcomes described in these session notes. The tasks described in these notes are designed to help achieve the learning outcomes.
- have developed and uploaded your own five minute PowerPoint presentation on “About XML – what is it and what is it used for?”
- have chosen and briefly documented your own ‘structured collection of things’ and included a single slide about this in your PowerPoint presentation.

References

- [1] Introduction to XML.
Available as IntroToXML.pdf in xml-additional-resources-01.zip on this subject’s WebCT site
- [2] Why XML.
Available as Ch1_WhyXML.pdf in xml-additional-resources-01.zip
- [3] Essential XML.
Available as real-world-xml-chap1.pdf in xml-additional-resources-01.zip