Information Management Resource Kit

Module on Management of Electronic Documents

UNIT 2. FORMATS FOR ELECTRONIC DOCUMENTS AND IMAGES

LESSON 2. PROCEDURAL MARK-UP

NOTE

Please note that this PDF version does not have the interactive features offered through the IMARK courseware such as exercises with feedback, pop-ups, animations etc.

We recommend that you take the lesson using the interactive courseware environment, and use the PDF version for printing the lesson and to use as a reference after you have completed the course.







Word processors	
The mark-up in a word process document should be rendered (or serves two main purposes . The first is to specify how the laid out) when printed.
Some of the rendering feature :	s available in a word processor like Microsoft Word include:
What is clear	Formatting of text: font family (Times New Roman, Arial, etc), size (10pt, 12pt, etc), style (bold, italic, etc). Page Layout: document headers and footers, page size, page orientation (landscape, portrait).
	Paragraph level layout: justification, line spacing.
	Lists: bulleted or numbered, with indents and nesting (lists within lists).
	Tables: with rows and columns, with formatting for table cells, such as spacing, borders, justification (horizontal and



Procedural mark-up contains codes that specify	how the document is to be displayed on
screen or in print.	To create a document with a consistent lool and feel , you could apply the same style to each section header by selecting the correct font, size and layout for each header. However, to make sure that the section headers are displayed consistently, and to reduce the amount of work needed to forma the document, you can define a style for a header and then apply it to each piece of header text. Let's see how this is done

Stylesheets		
Style	? ×	
Styles: Default Paragraph Font Document Map Footer Header Heading 1 Heading 2	Paragraph preview	To define a style in Microsoft Word, you can: • select New Style from Format/Style menu;
11 Heading 3 11 Heading 4 11 Heading 5 2 Hyperlink 11 Normal (Web) 11 Normal (Web)	Character preview	 set the features of your style; and click on the OK button.
Strong List: Styles in use	Description Normal + Font: Verdana, 16 pt, Bold, Font color: Dark Red, Kern at 16 pt, Space before 12 pt after 3 pt, Keep with next, Level 1	In this case the style will display the header text in Verdana font, 16pt bold, Dark Red with 12pt
<u>Organizer</u>	New Modify Delete	space before and 3pt space after

bandolier.doc - Microsoft Word	
Image: Second	To apply a style to a heading, you can:
Default Paragraph Font for the trial compared antic Document Map for the trial compared antic er benefit at lower risk	 highlight the heading; and
Footer I 12 pt	 from Format/Style menu, select the style you have chosen for this heading.
Heading 1 Further Reading The current review is an expansion of:	The set of styles used to format a particular type of document is commonly referred to as a stylesheet .

emplates	
hen you have to create documents of the s ports, research articles and invoices, docur	ame type or class, like memos, letters, technical nent templates can help you.
This is the last report for today If I didn't have the template I wouldn't have made it on time!	The template will typically contain the stylesheet that will be used to format this type of document. In addition, it will also contain a framework with elements such as a standard front page, headers and footers, a standard set of sections and headings, etc. The framework can be modified by the user to create individual documents of that class.

Templates	
New T01 - Quota T02 - Proje T03 - Produ T04 - Desig T05 - Purch T06 - Custo More General Legal Pleadings Letters & Memos Other Documents Publications Reports Web Pag Tore Trace Contemporary Elegant Fax Elegant Letter Letter Contemporary Contemporary Elegant Fax Elegant Letter Letter Envelope Fax Wizard Letter Wizard Maling Label Wizard Professional Fax Professional Letter Create New Contemporary Implate OK Cancel	

emplat	
summ	arize, what is the relationship between the template, the stylesheet and the style?
	A STYLE TEMPLATE STYLESHEET
	Click each option, drag it and drop it in the corresponding box. When you have finished, click on the confirm button.





Standardization problems

We have seen that Microsoft Word offers several benefits. However, there is a problem **when you open a Microsoft Word file in a plain text editor**.

Is this image distinguishable?

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As you can see, most of the mark-up codes cannot be displayed in a plain text editor.

This is because Microsoft Word files use a **proprietary, binary format** for their procedural mark-up.

But what is a proprietary binary format?



Eile E	dit ⊻iew <u>I</u> nse	ert Format	To alleviate some of the standardizatic problems, Microsoft have invented the procedural format Rich Text Format
	ave		(RTF).
Si Si	ave <u>A</u> s ave as Web Page earc <u>h</u>	may conta pyright ne ument you	RTF is a plain text format, meaning that you can open and read RTF files in any standard text editor .
Page 14	Sec 3	14/16 At	It is easy to create an RTF file from
	File <u>n</u> ame:	document.doc 🔹	most word processing applications:
	Save as <u>t</u> ype:	Inora Bocamorie (1600)	 select File/Save As from the main
		Word Document (*.doc) Web Page (*.htm; *.html)	menu, and
		Web Page, Filtered (*.htm; *.html)	 select RTF from the list of format options
		Web Archive (*.mht; *.mhtml) Document Template (*.dot)	options.

-

Rich Text Format	
You can take an RTF file that has been created in this way a As you can see, all the text and mark-up codes can be display very easy to distinguish the text content of the document from	ayed (and edited), although it is not
Comparison of the Concentration of the Concent	RTF mark-up contains all the information necessary to support the layout and functionality of the Microsoft Word processing application. Because of these features, RTF is often used as the exchange format between word processing applications from different vendors.

Summary

• Word processing software uses the most common form of procedural mark-up.

• Word processing format, such as Word, is useful when you have to **create or edit** a document.

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• The mark-up in a word processor serves to specify how the document should be **laid out** when printed, and to control the **functions** of the word processing application.

• Using a word processor such as Microsoft Word, you can set the **stylesheet**, apply **templates** and create a **visual structure** for your document.

• Microsoft Word use a proprietary, binary format: this causes problems in terms of **standardization**.

• To resolve these problems, Microsoft have created another procedural format, RTF, that is a plain text format used as the **exchange format** between word processing applications.

Exercises	
The following four exercises will allow you to test your understanding of the concepts covered in the lesson and provide you with feedback.	•
Good luck!	

Exercise 1	
hy is it approp rmat of a docu	riate to use a Word Processor format such as Microsoft Word as the source iment?
	 Because it can be used as exchange format among different applications.
	 Because Word Processors are designed for creating and editing documents.
	Click on the answer of your choice

Exercise 2	
What is a stylesheet?	
	 The set of styles used to format a particular type of document.
	• The set of features of a particular style (e.g. type of font, size, layout).
	 A framework with elements such as a standard front page, headers and footers, etc.
	Click on the answer of your choice



Exercise 4 Which of the images shows an RTF file opened in a	a plain text editor?
We mark to also the field of a long bill of an address of the constraints of the date of the state of the sta	swer of your choice

If you want to know more...

Webopedia (<u>www.webopedia.com</u>). Online dictionary and search engine for computer and Internet technology. Try searching there for "word processor", "RTF", etc

Microsoft Word (<u>www.microsoft.com</u>) the most widely used word processor

Corel (<u>www.corel.com</u>) a leading supplier of word processing and office applications software, including WordPerfect.

Adobe (<u>www.adobe.com</u>) supplier of PDF applications software and desktop publishing packages

Open Office (<u>www.openoffice.org</u>) the leading open source (freely available) office application suite, including a word processor

 $\mbox{StarOffice}\xspace$ (www.sun.com) commercial version of Open Office $\mbox{ from Sun Micorsystems}\xspace$

AbiWord (<u>www.abisource.com</u>) a free word processor, similar to MS Word

