Information Management Resource Kit

Module on Digitization and Digital Libraries

UNIT 2. ELECTRONIC DOCUMENTS AND FORMAT

LESSON 6. PROCEDURAL MARK-UP: TEXT PROCESSORS, STYLE SHEETS, TEMPLATES

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.





At the end of this lesson, you will able to:

- understand the advantages and limitations of $\ensuremath{\text{Microsoft Word}}\xspace$; and

• understand the function of **Rich Text Format**.









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Procedural mark-up contair on screen or in print.	ns codes that specify how the document is to be displayed
Eile Edit <u>V</u> iew Insert Format Iook Help	To create a document with a consistent look and feel, you could apply the sam style to each section header by selecting the correct font, size and layout for each header.
The current review is an exp McQuay HJ, Tramer M, Nye BA review of antidepressants in ne The following review covers France RD, Houpt JL, Ellinwood	pansion of: format the document, you can define a s, Carroll D, Wif vi format the document, you can define a seuropathic pain * s a similar areo

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

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Image: Section 1 Verdana 14 Image: Section 1 Verdana Default Paragraph Font Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Document Map Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Footer Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Header Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2 Image: Section 2	To apply a style to a heading, you can: • highlight the heading; and • from Format/Style menu, select the style you have chosen for this heading. The set of styles used to		
Heading 1 sed on 19 reports. Effe	format a particular type of document is commonly referred to as a stylesheet .		



Templates	
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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?



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document.doc - Micr Eile Edt View Ins Save Save Save Save As Save As Save Save as Web Pag Search Page 14 Sea 3	ert Format	To alleviate some of the standardization problems, Microsoft have invented the procedural format Rich Text Format (RTF). RTF is a plain text format, meaning tha you can open and read RTF files in any standard text editor .
File <u>n</u> ame:	document.doc 🔹	It is easy to create an RTF file from most word processing applications:
Save as <u>t</u> ype:	Word Document (*.doc)	 select File/Save As from the main menu, and select RTE from the list of format



Summary	
 Word processing software uses the most common form of procedural mark-up. Word processing formats, such as Word, are useful when you have to create or edit a document. 	
 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 has created another procedural format: RTF. This is a plain text format which is used as an exchange format between word processing applications. 	<i>y</i>

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	
Why is it appropria format of a docum	ate to use a Word Processor format such as Microsoft Word as the source ent?
	Because it can be used as exchange format among different applications.
	Because Word Processors are designed for creating and editing documents.
	Please 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.
	Please click on the answer of your choice



Exercise 4	
Image: A shows an RTF file opened Image: A shows an RTF file opened	d in a plain text editor?
Please click on the	answer of your choice

If you want to know more ...

Online Resources:

Webopedia is an Online dictionary and search engine for computer and Internet technology: (http://www.webopedia.com)

Microsoft Word, the most widely used word processor: (http://www.microsoft.com)

Corel is a leading supplier of word processing and office applications software, including WordPerfect: (http://www.corel.com)

Adobe is the supplier of PDF applications software and desktop publishing packages: (http://www.adobe.com)

OpenOffice.org - OpenOffice is an open source (free) suite of software available in various languages which includes a word processor, spreadsheet, presentation and drawing software with PDF capabilities: (http://www.openoffice.org)

StarOffice, commercial version of Open Office from Sun Micorsystems: (http://www.sun.com)

AbiWord, a free word processor, similar to Microsoft Word: (http://www.abisource.com)

