



Australian Government

ICPDMT492 Create an extensible style sheet

Release: 2

ICPDMT492 Create an extensible style sheet

Modification History

Release	Comments
Release 2	This version first released with ICP Printing and Graphic Arts Training Package Version 1.1. Version created to correct mapping table information.
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to create extensible style sheets which transform Extensible Mark-up Language/Personalised Print Mark-up Language (XML/PPML) into screen or print output.

It applies to individuals who create extensible style sheets for electronic publishing or online documents including computer screens and handheld devices. Individuals incorporate the presentation and transformation requirements in the style sheets and templates.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

ICTWEB429	Create a markup language document to specification
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Unit Sector

Digital media technologies

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>

ELEMENT	PERFORMANCE CRITERIA
1 Prepare source document	1.1 Source document is validated as free of errors 1.2 Style and transformation requirements of source document are confirmed 1.3 Advanced styling requirements are confirmed as required 1.4 Different media, display formats and target audience preferred platforms and abilities are confirmed 1.5 Source document is prepared for style sheet
2 Create style sheet	2.1 Multiple templates are designed and applied to style sheet 2.2 Style sheet is developed using required presentation styles 2.3 Transformation requirements are incorporated into several style sheets 2.4 Style sheet is associated and/or linked with source document and tested
3 Test style sheet	3.1 Style sheets are validated to ensure correct presentation and transformation 3.2 Style sheet is updated if errors occur and validated again 3.3 Style sheet is linked to data-store and to digital template, and tested 3.4 Style sheet is made extensible to meet future business needs

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1-1.4, 2.1, 2.2, 2.4, 3.1, 3.4	- Interprets textual information to identify job requirements - Proofreads texts to ensure accuracy and conformity with job requirements
Writing	1.5, 2.1-2.3, 3.2	Uses industry specific language to produce and edit technical documents
Interact with others	1.3, 1.4	Selects and uses appropriate method and form of communication to confirm requirements with relevant persons

Get the work done	1.1-1.4, 2.1-2.4, 3.1-3.4	- Plans, organises and implements activities required to create style sheets that meet organisational and user requirements - Analyses documents to identify and correct errors - Selects and uses appropriate digital software and tools to create extensible style sheets
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Mapping

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPDMT492 Create an extensible style sheet	ICPMM492D Create an extensible style sheet	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>

Assessment Requirements for ICPDMT492 Create an extensible style sheet

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Performance Evidence

Evidence of the ability to:

- create extensible style sheets for electronic publishing or online documents.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- explain the application of Document Style Semantics and Specification Language (DSSSL), where it can be used to develop an extensible style sheet
- explain the intended purpose of Extensible Stylesheet Language (XSL)
- explain when to use an Extensible Mark-up Language (XML) in preference to Hyper Text Mark-up Language (HTML)
- describe the ways to use both XML and HTML with the one set of data
- describe how Personalised Print Mark-up Language (PPML) relates to XML
- describe a work-based example of the application of metadata and/or PRISM
- outline the essential differences between metadata and PRISM.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the digital media technologies field of work and include access to industry standard software and relevant hardware.

Assessors must satisfy NVR/AQTF assessor requirements.

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