Australian Government

ICPDMT491 Create an extensible document

Release: 2

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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 a well-formed syntax error-free Extensible Mark-up Language/Personalised Print Mark-up Language (XML/PPML) document.

It applies to individuals who have the responsibility to ensure requirements meet the current and future needs of the business.

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

Unit Sector

Digital media technologies

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1 Define document	1.1 All details required for job are checked and confirmed against

ELEMENT	PERFORMANCE CRITERIA
structure	job specifications
	1.2 Mark-up language version and character encoding used in document or declaration statement are defined and/or inserted in document
	1.3 External or internal Document Type Definition (DTD) or mark-up language schema is chosen and correctly wrapped and referenced depending on project requirements
	1.4 Root element is correctly defined and all elements are accurately nested
	1.5 Attribute types and default values are declared, where necessary, to provide information about data
	1.6 Occurrences of elements are stated and elements of mixed content declared
2 Confirm validity	2.1 Start and end tags are included and closed to ensure no element errors
	2.2 Namespaces are used to resolve name conflicts
	2.3 Checks are performed to ensure that document is well-formed, error-free and conforms to mark-up language syntax rules
	2.4 Document is checked to ensure it conforms to rules of DTD or mark-up language schema
3 Finalise and test document	3.1 Character Data (CDATA) sections are added to document structure
	3.2 Final document is viewed with mark-up language parser
	3.3 Mark-up language document is well formed, free of errors and meets needs of business
	3.4 Document is linked to extensible style sheet and template, and tested
	3.5 Document 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, 1.3, 1.6, 2.1, 2.3, 2.4, 3.2-3.5	• Interprets textual information to identify job requirements • Proofreads texts to ensure accuracy and compliance with mark-up language syntax rules
Writing	1.2, 1.3, 1.6, 2.1, 3.1	• Uses industry specific language to produce and edit technical documents
Get the work done	1.1-1.6, 2.1-2.4, 3.1-3.5	• Plans, organises and implements steps required to construct a valid document that meets organisational requirements • Analyses documents to identify and correct errors in mark-up language • Selects and uses appropriate digital software and tools to create mark-up language document

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPDMT491 Create an extensible document	ICPMM491D Create an extensible document	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426 e24131d