



Australian Government

Assessment Requirements for ICTPRG427 Use XML effectively

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- gather relevant information and produce a well-formed, formatted and validated XML document
- use an XML parser to access, modify and transform the XML documentation
- create a service-oriented application using XML.

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:

- outline the hierarchy and tree structure
- explain the programming concept and language
- describe the main features and services of the world wide web (WWW)
- explain data modelling
- outline commonly used items in hypertext markup language (HTML)
- identify information system features
- identify source characteristics.

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 programming and software development industry, and include access to:

- tools to access and develop a data source, such as an integrated development environment (IDE), a text editor and a web browser
- specific requirements, including client and functionality requirements

- a web server and software that hosts the services to deploy and test, the web-service application
- libraries to develop the web service and client applications.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>