



Australian Government

Assessment Requirements for ICTPRG401 Maintain open-source code programs

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:

- contribute to an open-source project
- program source code changes and/or additions
- document changes or additions
- investigate, utilise and participate in online resources for the project's direction
- build, modify, and test the code
- participate in the online community.

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 debugging and testing techniques
- describe documentation techniques, including internal documentation, user guides and technical documentation
- explain open-source development methodology
- describe online project communities, and their involvement in games development.

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:

- the software development environment
- the internet

- technical requirements
- databases
- information repositories
- programming languages
- group-facilitation software.

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>