



Simplified Unit/Integration Test Plan Template

Version 2.1

Identification

- Version/release Information and Configuration identification

References

- Any supporting documentation
 - Requirements specifications
 - Design Specifications
 - Other documents/diagrams

Module/Component/Unit

Owner	Identification	Type	New	Modified

- Owner of the module/component
- Module identification - name etc.
- Type of module, C-program, DLL, Etc.
- Is this a new module or a Modified existing module

Functions/Features (attributes, sub-functions)

Function	Sub-function/Attribute	Test Aspect/Risk	New	Modified

- Identify all modified functions/features and the attributes of those features
- Test Aspect/Risk
 - Why does this need to be tested and what is the risk associated with the feature or function
 - Business Risk,
 - Risk to business if feature does not function correctly or causes faults
 - Technical Risk
 - Complexity, technology or other software concerns
- Is this a new function or a modification to an existing function
- Add as many entries as required

Shared Elements (Constructs, transactions, messages, objects, classes)

Element	Sharing Element	Type	Risk	New	Modified

- Identify any shared constructs and what they are shared with, this will help focus regression test efforts
- What are the risks to the shared elements
- Is the shared element new or being modified
- Add as many entries as required

Interfaces/Communications

Interface	Type	Risk	New	Modified

- Identify all interfaces and the type of interface
 - Communication
 - Database
 - Transaction
 - Network
 - Other
- What are the risks to the shared interfaces
- Is the interface new or being modified
- Add as many entries as required

Non-Modified or Other functions and attributes

Function	Sub-function/attribute	Risk

- Identify all other functions/features and their sub-functions and attributes that are part of the modified component. This does not apply to new features or functions unless they are added to an existing module that as other existing features/functions.
- What are the risks to those non-modified elements
- This will also help identify elements that require regression testing

External updates

Element	Type/Category	Version

- Identify any external elements that were updated or modified to support the change
 - These can include DLLs, Object Classes, Shared libraries, vendor packages etc.
 - This will allow identification of those elements that vary from those in the final production environment and may indicate where a more advanced version was used during development than will be used in production.

Approach

- How will unit testing be accomplished
 - Debugged
 - Coverage tool
 - Other tool
- How will proof of test be provided to show unit test was completed
 - Trace reports
 - Coverage reports
 - Debug printouts
 - Other

Pass/Fail Criteria

- How will test results be evaluated prior to Build/Integration testing