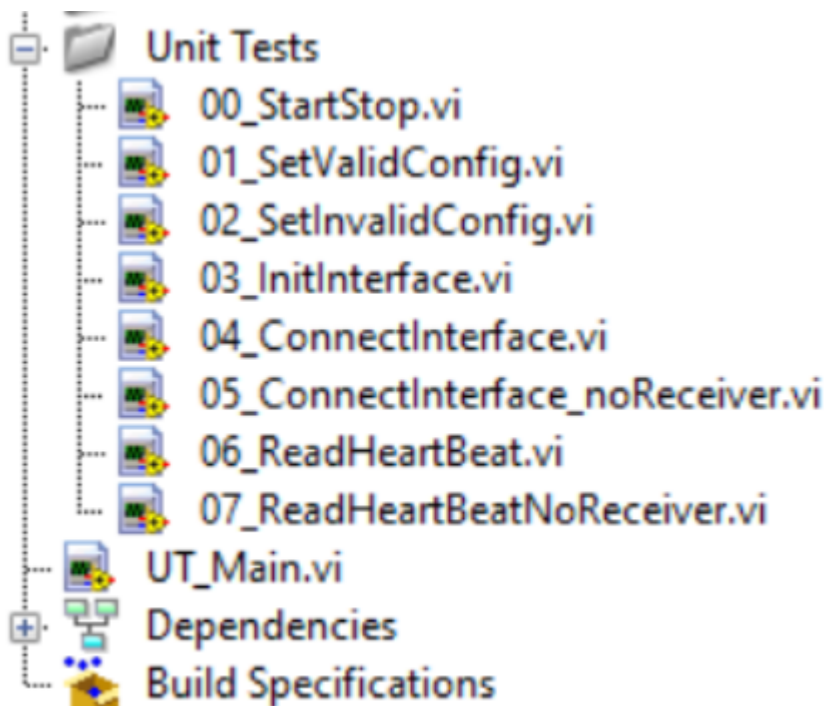# 04 DQMH Modules

Probably one of the most important things to consider when developing unit tests for DQMH modules is the sequence of requests the module needs for correct operation.

- One of the first things to test for are the starting and stopping of the module and its configuration.
- Once this has been proved, then progressively more complex operations can be added.
- Do not jump to more complex operations if the step before does not have a test!
- Numbering the unit tests can help, but usually naming them with a combination of numbers and names would be very helpful as an indication of what it is the UTs are for and what is the order they should run in.
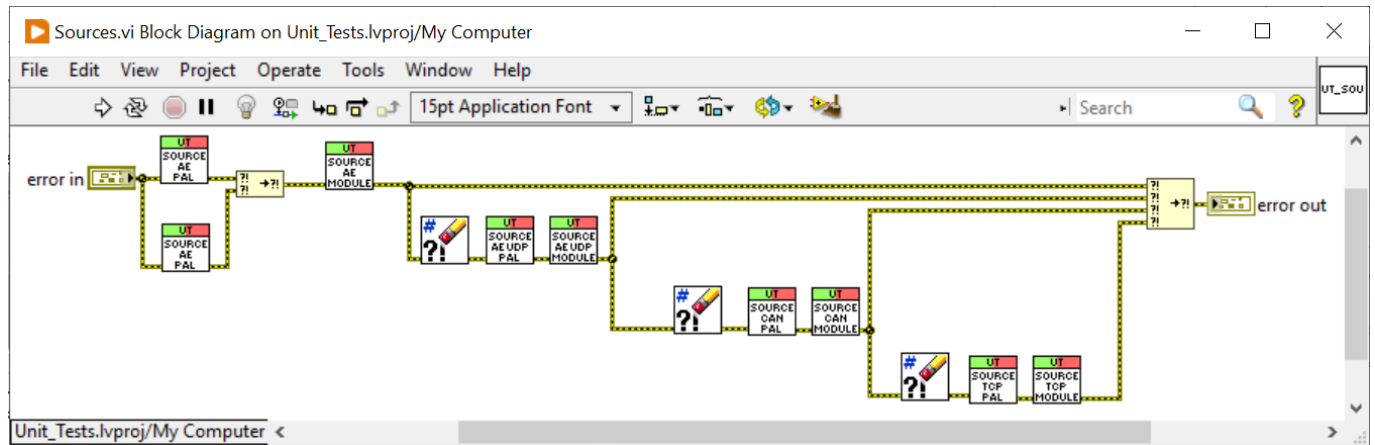


## Testing Broadcasts

- In order to test broadcasts, make sure to register for the broadcasts before they are fired.
- It is a good idea to use the `Error Reported` broadcast for a separate assertion.

## Testing integration features

Although it is borderline the remit of a unit test, with this framework it is possible to test some integration features, such as parallel running.

Make sure to clear possible errors if similar unit tests run in sequence:

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