

# Anuket RA / RC Traceability

# RA / RC Traceability

- › We agree that RC is dependent upon RA.
- › Therefore, we must show, per RA requirement reference ID, the associated tests, also by reference ID
- › The simplest way to make this data readily available is to put it in a tabular format, that is updated with every change to the RA, and published with every release.
- › Without this information, both internally and for end users, we're unable to easily:
  - › Know the coverage for each requirement
  - › Understand how each requirement is tested
  - › Evaluate the suitability and effectiveness of the tests associated with each requirement
  - › Know which requirements do not have test coverage

# A Simple Test

- › To demonstrate traceability, we should be able to easily do the following:
  - › Given one or more randomly selected reference IDs from Lakelse RC2, quickly show the associated conformance tests (by ID)
  - › Quickly show a list of all reference IDs from Lakelse RC2 that do not have test coverage

# Suggested Tabular Format

Similar to the following

RA Ref #	Description	Associated Conformance Tests
req.xxx.yyy.01	The arch must...	T0012 T0022 T0151
req.xxx.yyy.02	The arch must...	None
req.xxx.yyy.03	The arch must...	T1005
req.xxx.yyy.04	The arch must	T0007 T2114