

# **Software Engineering**

## **Requirements Traceability Matrix (RTM): Template and Examples**

## Requirements Traceability Matrix (RTM)

### Displays

- all of the **functional requirements** from the SRS (S/W Requirement Specification),
- the design components that address each requirement,
- the source files and procedures within them that implement the requirement, and
- the test cases that verify the proper implementation of the requirement.

**RTM** commercial tools available: (see <http://www.incose.org/workgrps/tools/contacts.html>).

### How to build **RTM**

- Start the RTM as soon as the SRS has been base lined.
- Populate it as development progresses, rather than waiting until the end of the project to fill in all the boxes.
- By entering information into the matrix as it becomes available, the matrix becomes a working tool that helps to prevent problems with the final product, not just a time-wasting overhead activity.



