Requirements Working Group

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Why do we only do the easy stuff?

• Too often, requirements focus solely on the nominal operational cases
  – What frequently makes system/software development difficult is the implementation of consistent and graceful handling of errors, exceptions, off nominal cases, and degraded modes
  – Waterfall approaches, in particular, are poorly suited to handling the inherently iterative nature of developing off nominal processing requirements
  – A system level view is needed to achieve conceptually consistent and robust approaches for the off nominal cases
  • Too often, fault and degraded mode processing consists simply of a hodge-podge of inconsistent unit level practices