

Requirements Analysis I

From

Book: Use Cases – Requirements in Context Second Edition

Book: RUP – Chapter 9 – The Requirements Discipline

Article: “The Role of Requirements Traceability in System Development” – by Dean Leffingwell, copyright: Rational Software, 2002. h

http://www.therationaledge.com/content/sep_02/m_requirementsTraceability_dl/.jsp

Traditional Activities

- Typical development activities include:
 - business modeling
 - requirements gathering,
 - analysis and design,
 - construction,
 - testing,
 - deployment and
 - maintenance.
- Frequently given lip service:
 - Business modeling
 - Requirements gathering
 - Testing
 - Deployment
 - Maintenance

Landscape of Requirements

- Perception changing from only emphasizing big three:
 - Analysis, design, and construction
- Increasing Realization of criticality of
 - Business Modeling and
 - Requirements - their verification and traceability.
- → More projects fail due to poor requirements specification and poor requirements management than for any other reasons.
 - that is, Changing Requirements and their management and scope creep - usually 'not formal' but ever-present!