

Name: DART (Distributed Assessment of Risk Tool)

Presenter(s): Paul Sitko

Objective: Demonstration of collaborative risk assessment tool.

Rationale: It is often necessary for a group of possibly non co-located stakeholders to collaboratively assess and ultimately prioritize project risks. Unfortunately this tends to be a rather cumbersome task that worsens sharply with increasing numbers of stakeholders. Risk assessment becomes nearly impossible when stakeholders are not all in the same place at the same time. The Distributed Assessment of Risks Tool (DART) is a means to aid risk assessment efforts by providing a web based interface for gathering stakeholder assessments (probability of loss, magnitude of loss, rationale, mitigation approaches), aggregate results, generate a top-n risk list, and track re-assessments (e.g. risk exposure increase or decrease).

Runs On: Server is running on a Solaris server using MySQL and Tomcat. Client runs on Internet Explorer 4.0+ and Netscape 4.0+.

Technical Approach: This tool is implemented using Java Server Pages Technology. COTS products include a MySQL database backend and Tomcat for serving the JSP pages.

Developers:

- Michael Klug – Project Manager**
- Chris Patel – Development Integrator**
- Pallavi Raghavan – Developer**
- Lucy Wong – Developer**
- Antonia Yeung – System Engineer**

Future Directions: Better reporting. Finer time granularity. CSV exporting.

Demo Description: Users will be able to access a DART server through a web browser and enter view risk data on a hypothetical project.