

2003 FAA National Software Conference

The Roles of a Software DER - Brainstorm

The Roles of A Software DER *Brainstorming Session*

September 17, 2003

Leanna Rierson & Tom Roth

Session Agenda

- Purpose/Overview (15 min)
- Consider Any Additional Categories (10 min)
- Consider Specific Roles Within Each of the Identified Categories (1 hr/15 min)
- General Discussion/Comments (15 min)
- Wrap-Up (5 min)

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Overview

- The purpose of this session is to understand the typical roles and responsibilities of the software designee.
- A questionnaire has been distributed to request input for those who may not be able to attend the session.
 - Please submit by **NOON on Thursday** to **Ken Filippelli** or **Leanna Rierson**.

Overview (cont)

- A draft white paper on the roles and responsibilities has been prepared and will serve as the starting point for this session.
- The white paper is intended to be “education” – not policy or guidance.
- This session will be used to further develop the white paper.
- The white paper will be used for designee training and will become a supplement to the Software Review Job Aid.

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Draft White Paper Includes Seven Roles of Software DER

- Policeman – holds developer accountable
- Teacher/Coach/Interpreter
- Auditor/Reviewer
- Systems and Safety Engineer
- Quality Engineer
- Referee
- Jack of All Trades

Are There Any Additional
Roles/Categories?

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Now Let's Focus on the Responsibilities
Within Each Role

- Edit the White Paper Real-Time

Any General
Comments/Suggestions?

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Next Steps

- Input from this brainstorming session and questionnaires will be used to update the white paper.
- If you have further comments/questions, please submit them to Leanna.Rierson@faa.gov by September 30.
- The updated Job Aid (including the designee roles supplement) should be completed by December 31, 2003.
- Thanks for your help!