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Scientific Software Development Viewed as Knowledge Acquisition: Towards Understanding the Development of Risk-Averse Scientific Software

Diane Kelly

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Highlights

- Why scientists in risk-averse application domains are not "end-user programmers".
- Characteristics of scientists who develop software in risk-averse domains.
- Presentation of knowledge acquisition software development model.
- Why traditional development methodologies hamper development of scientific software.
- Observations of how scientists develop software outside methods.

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