NASA/SEL
Reading Experiment

Part 2

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READING EXPERIMENT

Design of the Experiment

	Group 1	Group 2
Standard approach	NASA doc. A	NASA doc. B
Standard approach	ATM network	Parking garage
Perspective-based	Parking garage	ATM network
Perspective-based	NASA doc. B	NASA doc. A

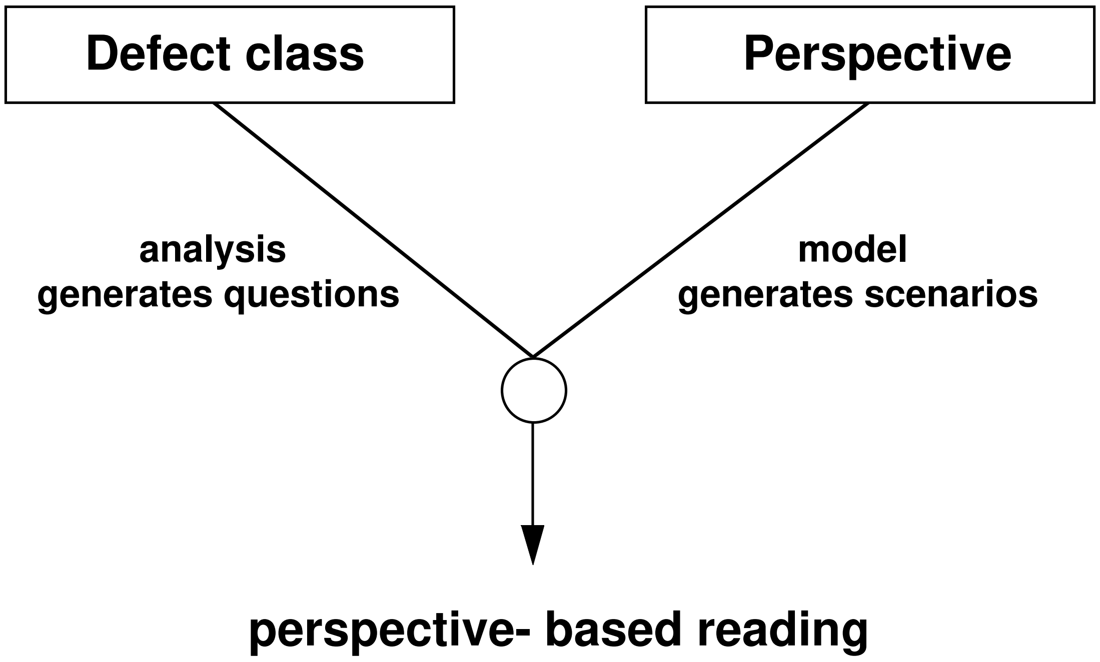
First day

Training

Second day

READING EXPERIMENT

Perspective-based Reading



READING EXPERIMENT

Goal (use)

- **Goal for each participant**

  ANALYZE the documents provided
  FOR THE PURPOSE OF evaluation
  WITH RESPECT TO defect detection
  FROM THE POINT OF VIEW OF use
  IN THE FOLLOWING CONTEXT: your experience using systems

Result: defect report forms

You are to use the **use-based reading scenario** and fill out the forms provided

READING EXPERIMENT

Goal (tester)

- **Goal for each participant**

  ANALYZE the documents provided
  FOR THE PURPOSE OF evaluation
  WITH RESPECT TO defect detection
  FROM THE POINT OF VIEW OF tester
  IN THE FOLLOWING CONTEXT: your experience in testing

Result: defect report forms

You are to use the **test-based reading scenario** and fill out the forms provided

READING EXPERIMENT

Goal (designer)

- **Goal for each participant**

  ANALYZE the documents provided
  FOR THE PURPOSE OF evaluation
  WITH RESPECT TO defect detection
  FROM THE POINT OF VIEW OF designer
  IN THE FOLLOWING CONTEXT: your experience in designing

Result: defect report forms

You are to use the **design-based reading scenario** and fill out the forms provided

READING EXPERIMENT

Mechanics

Second day:

- Introductory material on Perspective-based reading
- Tutorial on the reading scenario
- Applying PBR to a sample problem: Video rental system
- Read and review generic document
- Applying PBR to a sample problem: NASA document
- Read and review NASA document
- Finish both reviews today
- Fill out form E7