Adaptive educational hypermedia
Content

• Recap
• Annotation-based navigation support
• Challenges, solutions & trends
• Questions
Recap

- Adaptive educational hypermedia overcomes the space-time obstacle
- Adaptive educational hypermedia offers personalization
Recap

• Adaptive educational hypermedia overcomes the space-time obstacle
• Adaptive educational hypermedia offers personalization

• Large variety in users
• Same user may need different treatment
• Disorientation and cognitive overload
Recap: InterBook

- State of concepts
- State of current section
- State of sections behind the links
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Annotation-based navigation support

- Help people navigate through hyperspace
- Knowledge based annotations
- History based annotations
- Recommendation annotations

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Annotation-based navigation support

• Difference between out of context and in context perception
• Important to test realistic scenarios

Challenges, solutions & trends

- 56 Studies between 2002 and 2012
- 7 trends identified
- Adaptive educational hypermedia adoption is not widespread
- Nobody really knows what to do

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- 7 trends identified
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Questions?