Two competing approaches for authoring Adaptive Hypermedia

Adaptive hypermedia allows content to be personalized according to user’s requirements. Authoring for it can be a complicated process. Our research has created two separate systems, aimed at simplifying the process of creating adaptive courses in different ways.

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Evaluation and Results
Systems evaluated with 20 4th year Computer Science students.

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Conclusions: Simplicity or Flexibility?
In general, users prefer:
- Simple visual interfaces
- Fine granularity of content
- Fine granularity of strategies

Users felt that GAT provided a shallower learning curve, a more familiar interface, and better visualizations.

More support is desired for content, domain relations, strategies as well as concept properties. Overall, functionality must be quick, and responsive.

These evaluations used Computer Science students, who like flexibility.

It is therefore important to add flexibility to an advanced mode, to keep the interface simple for beginner users.

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