



















HUMAN-COMPUTER

APPLICATION

Functionality

(application interface)













MVC issues

- MVC is largely pipeline model: input \rightarrow control \rightarrow model \rightarrow view \rightarrow output
- but in graphical interface

 input only has meaning in relation to output
 e.g. mouse click
 - need to know what was clicked
 - controller has to decide what to do with click
 - but view knows what is shown where!
- in practice controller 'talks' to view
 - separation not complete
 - . .

PAC model

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- PAC model closer to Seeheim
 - abstraction logical state of component
 presentation manages input and output

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- control mediates between them
- manages hierarchy and multiple views
 control part of PAC objects communicate
- PAC cleaner in many ways ... but MVC used more in practice (e.g. Java Swing)







