Authoring Interactive Widgets for Education
EDUPUB 1 recap
what’s a widget?
widget

(ˈwijit) n. a mini application with limited functionality that can be placed on a book page and executed automatically or by the end user, e.g. a gallery, clock, stock ticker
what’s a super widget?
(the simple explanation)
super widget

('səʊər ˈwijit) n. a mini application with **virtually unlimited** functionality that can be placed in a book and executed automatically or by the end user
widget landscape
Find Common Ground

- Common widgets
- Easy to implement, flexible and customizable
- Accessible
- Hooks for analytics
- Compatible: reading systems and content creation systems
- Open source and open standard
EPUB Widgets 1.0

- Video and Audio
- Popup
- Image gallery
- Multiple choice or true/false quiz
- Text resizer
- Scrolling sidebar

And a starting specification for EPUB Widgets 1.0
90 days later...
We Have a Home

- A user-friendly place to share demos: http://widgets.chaucercloud.com
- A developer-friendly place to share code: http://github.com/IDPF/widgets
- An implementer-friendly place to discuss: https://groups.google.com/forum/#!forum/epub-widgets-discuss
- A collaborator-friendly place to share specifications: https://github.com/IDPF/widgets/wiki
IDPF Widget Discussion Group

- Security
- State management
- Presentation and layout control (including accessibility)
- Event handling
- Parameterization & resource sharing
- Inter-widget communication
- Easy widget composition
- Packaging
widget landscape now
how does a widget become super?
Super Powers

- Customizability (Builder tool)
- Analytics
- Metadata
- Accessibility
- Responsive
super widget demo
even more can be done
More EPUB Widgets

- Flashcards
- Tabs
- Accordions

A total of 10 widgets!
Next Steps

- More collaboration
- More input
- More open source widgets
- More ideas
- More, more, more…
Up, up and away!

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