Collectome

Content-sharing platform for large display walls

Research Technologies is a division of University Information Technology Services and a center in the Pervasive Technology Institute at Indiana University.
Do you have a large display wall?
Great! Now what?

• What to show?
• How to showcase your own content?
• How to share with the community? Is there a community?
The Collectome can help
Introducing the Collectome

• Web service developed by and hosted at Indiana University
• Find, create, and share collections of media
• Inspired by GitHub, Universal Viewer, NOAA Science On a Sphere
What can I show?

- The Collectome only accepts URLs
- Make use of existing online services to host content
- Supports any features the underlying services support
Collection config

- Everything is described in JSON
- Metadata
- Display configuration
- Container layout
- Content specification
- Content to container mapping
Demos
Find collections

Search Results: 2 Collections

Example: YouTube
This collection demonstrates how to embed YouTube videos. It includes examples of single videos, playlists, and user uploads.

Example: Vimeo
This collection demonstrates how to embed Vimeo videos. It includes examples of single videos and playlists.
Implementation details

- Adapted from previous projects at IU
- CrateDB database
- PHP backend
- AngularJS frontend
3:30pm Game Lab, 3rd floor

See a demo later today!
https://collectome.rt.iu.edu