Architecting Flash Video to Personalize the End-User Experience.
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This session will demonstrate the process of layering Flash Video inside of flash interactions to dynamically edit personalized video on the fly. The result gives the end-user a truly personal and truly interactive experience.

Abstract
Every year Miami University develops a personalized Flash-based CD-ROM to help introduce its services and benefits to the institution’s new faculty.

In years past, Miami University has used a combination of XML and Flash to deliver orientation material to the faculty with a personal spin.

Because most faculty have recently arrived in the neighborhood, and they do not yet have broadband service set-up, delivering interactive info on CD-ROM is a must.

By taking advantage of Flash’s dynamic nature, Miami University easily reproduces high-quality, completely personalized CD-ROMs in less than a minute.

This year Miami will be adding a Flash video component that takes advantage of Flash’s dynamic architecture by layering video and complex Flash interactions together to allow faculty to truly interact with video, which appears to have been made specifically for each viewer.

All Flash video elements exist on the CD-ROM at the time of burning. Flash self-edits and assembles the videos on-the-fly based on a few small variables set at the time of burning.

See Diagram located at: www.muohio.edu/alt/flashvideo.pdf

By using ColdFusion generated XML, Flash can:

- Dynamically load from a series of targeted intro and closing videos
- Load from a series of target user interactions
- Layer those interactions and videos
- Flash video can receive cue-points from the Flash interactions to “pause video” until the user performs a specific action, then…
- Play a specific feedback video based on how the user reacted to the interaction

This session should be for all levels of Flash developers. Examples will be demonstrated with volunteer participants from the audience.