

**INST 5245**



Interactive Multi-Media  
Production

Utah State

---

---

---

---

---

---

---

---

**Topics**

- Course web site
  - <http://bb.usu.edu>
  - <http://ocw.usu.edu>
- Syllabus
- Introductions
- Flash at 6,000 ft
- Open Discussion
  - Work Plan
  - Final Project

Utah State

---

---

---

---

---

---

---

---

**A few mechanics**

- Door code: xxxx
- Get me your email address

Utah State

---

---

---

---

---

---

---

---

**What can you do with Flash?**

- Four rules to serving a great red wine
  - [Sheri Moore](#)
- An introduction to learning circles
  - [Barry Kramer](#)

Utah State

---

---

---

---

---

---

---

---

**For the more advanced students . . .**

- PlantSim
  - [Ian Sheeler](#)
- Data Loggers (Creative Project)
  - [Garth Mikesell](#)
- The full range . . .
  - [Project Showcase](#)

Utah State

---

---

---

---

---

---

---

---

**Introductions**

- What degree program are you in?
- Where are you at in your program?
- How much development experience do you have?  
With what kinds of tools?
- How much design experience do you have (either instructional or interface)?
- Have you used Flash? For What?
- Something about you that would surprise us?
  - Alternate: Favorite Christmas Gift
- Check WebCT discussion board

Utah State

---

---

---

---

---

---

---

---



---

---

---

---

---

---

---

---

**How does Flash fit with other tools and tool sets?**

- Authorware, Icon Author, Toolbook
- Director, Hypercard
- JavaScript, VB Script
- C, C++, Java
- AJAX

Utah State

---

---

---

---

---

---

---

---

**What does flash contribute?**

- Early days of http
- Java, JavaScript, VBScript
- What flash brings to the table
  - Cross-platform
  - Interactivity
  - Efficient animation/graphics

Utah State

---

---

---

---

---

---

---

---

## Flash CS3 (new features)

- Kept menu-driven scripting ("script assist").
- Software integration\*
- Interface improvements (selection boxes, bitmap preview)
- Graphic filter copy/paste
- Copy/paste tweens (tween->actionscript).
- Actionscript 3.0 (AVM2)\*

Utah State

---

---

---

---

---

---

---

---

## Flash file types

- .fla Flash document (development)
  - Cross platform
- .swf Flash movie (optimization)
  - Cross platform
- Several others (.asc, .as, .flv, .flp, .jsfl)

Utah State

---

---

---

---

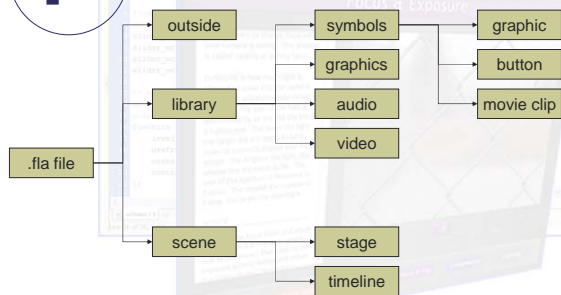
---

---

---

---

## Breaking down an .fla file



Utah State

---

---

---

---

---

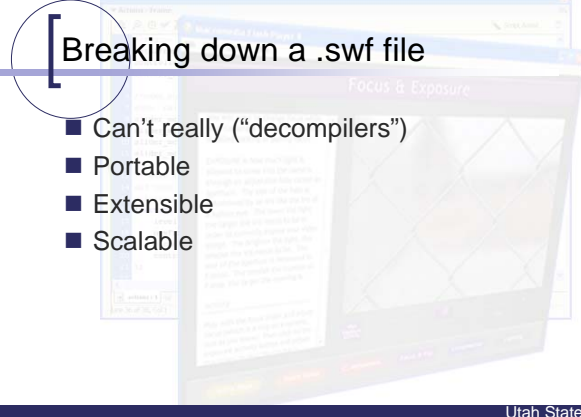
---

---

---

**Breaking down a .swf file**

- Can't really ("decompilers")
- Portable
- Extensible
- Scalable



Utah State

---

---

---

---

---

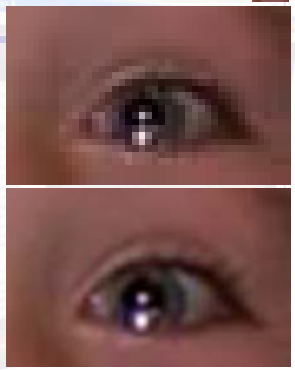
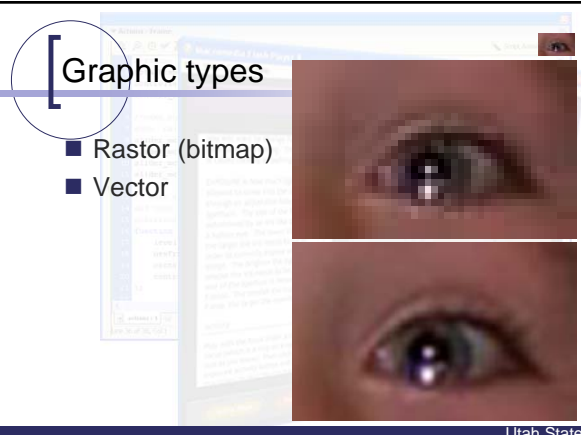
---

---

---

**Graphic types**

- Raster (bitmap)
- Vector

Utah State

---

---

---

---

---

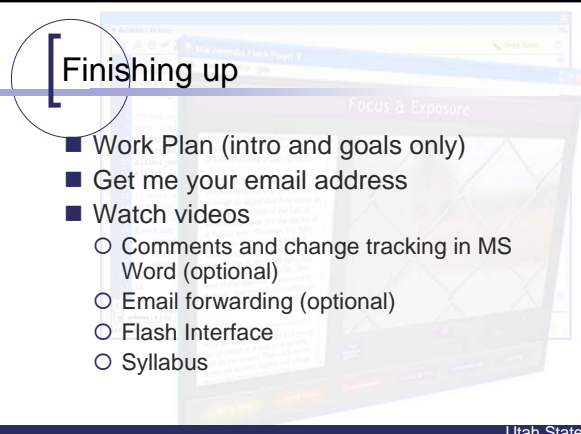
---

---

---

**Finishing up**

- Work Plan (intro and goals only)
- Get me your email address
- Watch videos
  - Comments and change tracking in MS Word (optional)
  - Email forwarding (optional)
  - Flash Interface
  - Syllabus



Utah State

---

---

---

---

---

---

---

---