

# Using Open Source Flex Projects

(How to be lazy and make cool shit)

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# Who am I?

- Blog: <http://dougmccone.com/blog>
- FlexLib: <http://flexlib.net>
- Universal Mind: <http://universalmind.com>
- I love using free work that other people have done.
- Note: the code shown today will be on my blog soon (give me a week or so).

# Game Plan for this talk

- **Show cool shit**
- **Blabber**
  
- I have 5 cool shits
- I have endless blabber
- We have 80 minutes

# Finding Projects

- Google Code Hosting
  - <http://code.google.com/hosting/>
- Flex Box
  - <http://flexbox.mrinalwadhwa.com/>
- RIAForge
  - <http://www.riaforge.org>
- **Blogs, Blogs, Blogs**

# Cool Shit #1: FlexSpy Event Listeners

- *Stop looking at slides and show the demo.*

# Google Code

- How many projects are we talking about?
- RIAForge: 83 projects
- Flex Box: 140 components
- Google Code:

Search Term	# of Projects
as3	240
actionscrip 3	91
adobe flex	103
flex	258

# SVN in FlexBuilder

- Install Subclipse
- Add SVN repository
- Checkout source as Flex Library Project
- Build SWC
- Add to your build path

# Open Source Licenses 101

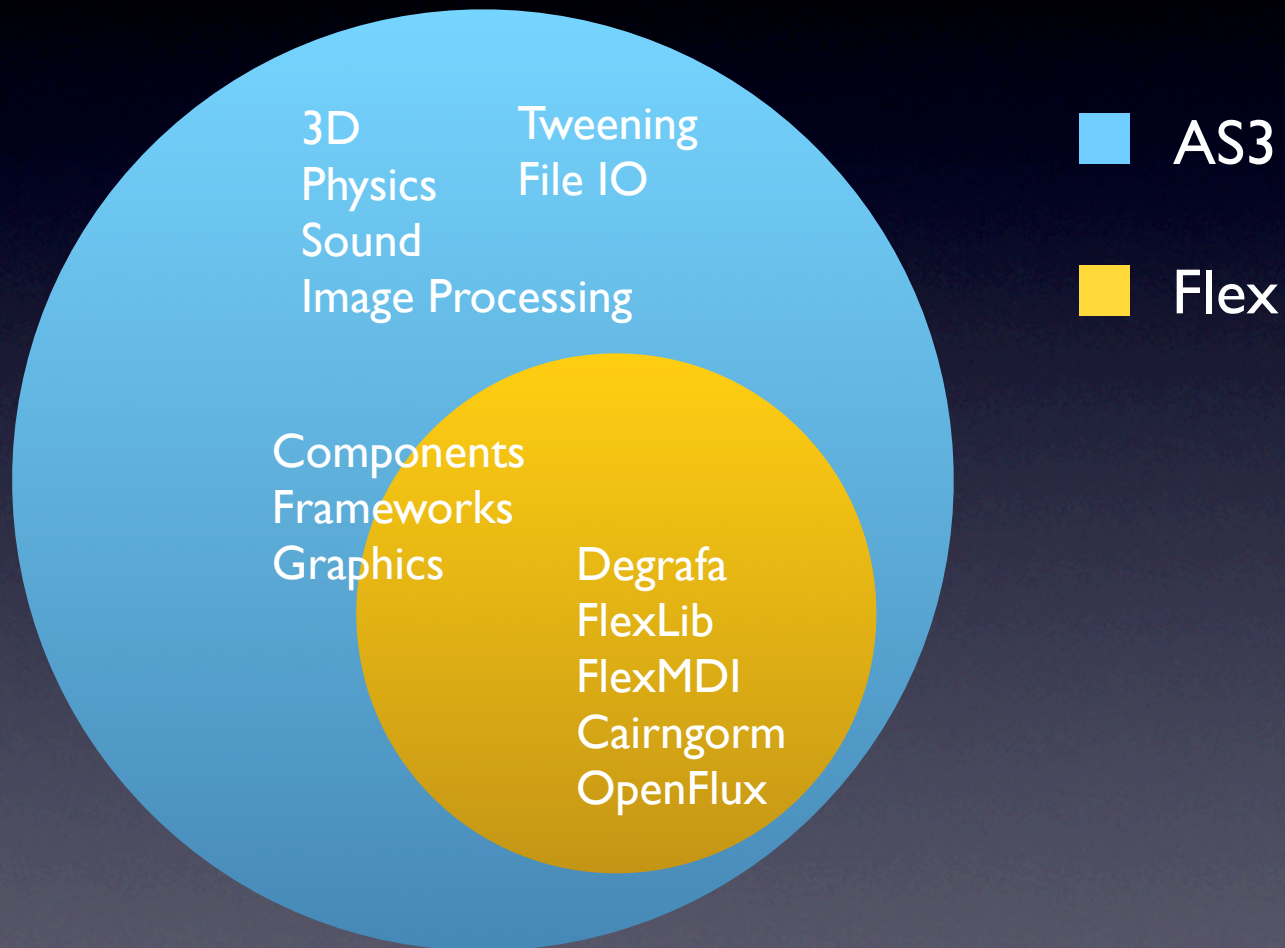
- **Disclaimer: This is my uninformed personal opinion**
- Good: MIT, New BSD, Apache
- Bad: GPL
- I don't know: LGPL, BSD, Creative Commons



# What do you want?

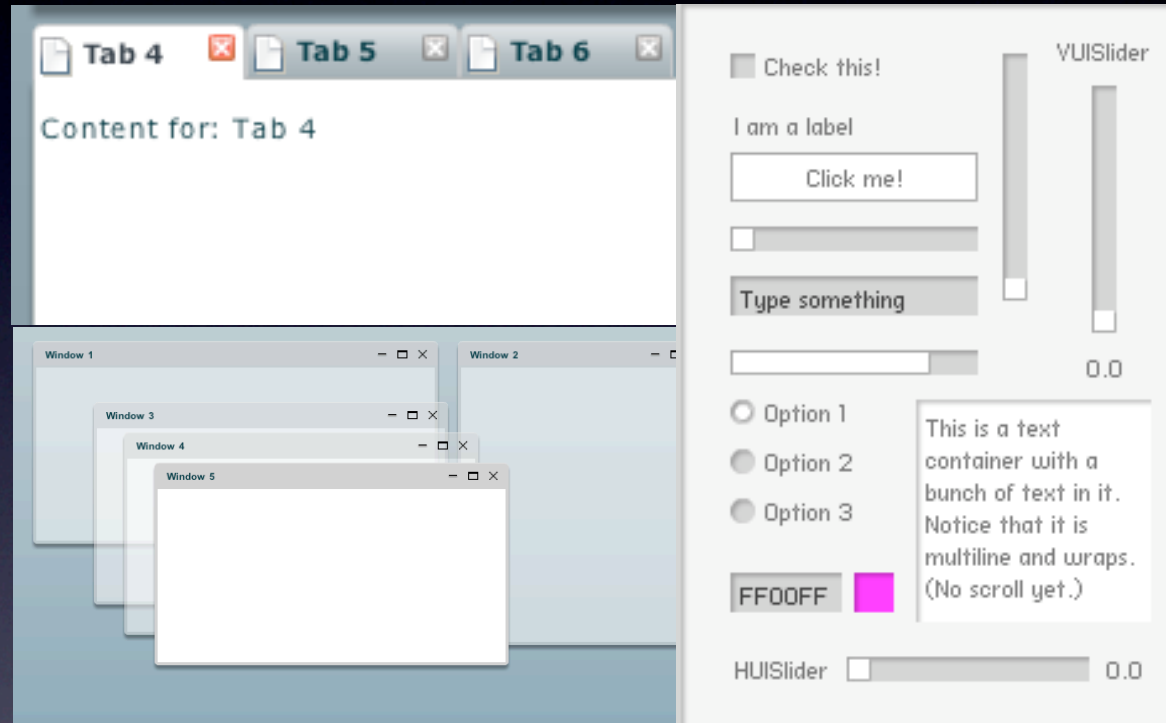
- APIs
- Components
- 3D
- Physics
- Animation
- Data processing
- Sound Processing
- Binary file loading
- 2D Graphics
- Application Frameworks

# AS3 or Flex?



# Components

- FlexLib
- FlexMDI
- MinimalComps
- AsWing
- OpenFlux

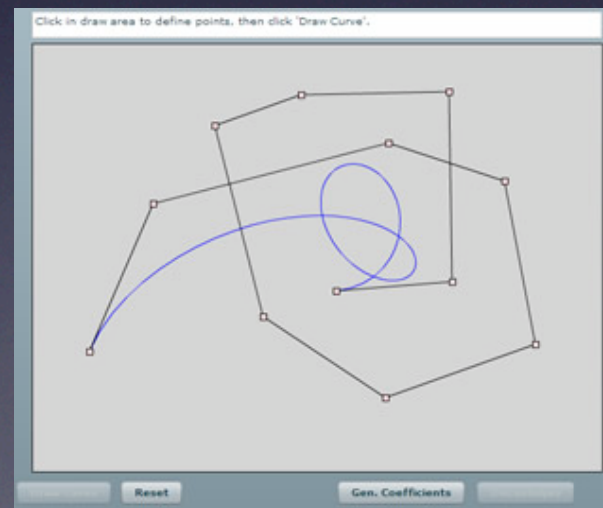


# Cool Shit #2: VistaFlow

- *Stop looking at slides and show the demo.*

# Graphics

- Degrafa
- Singularity
- AlivePDF



# Cool Shit #3: Degrafa Drawer

- *Stop looking at slides and show the demo.*

# APIs

- Adobe created libraries:
  - as3corelib, as3syndicationlib, as3ebaylib, as3odeolib, as3flickrlib, as3youtubelib
- Most of the services you can think of:

facebook

YAHOO!

twitter

amazon.com

# Physics

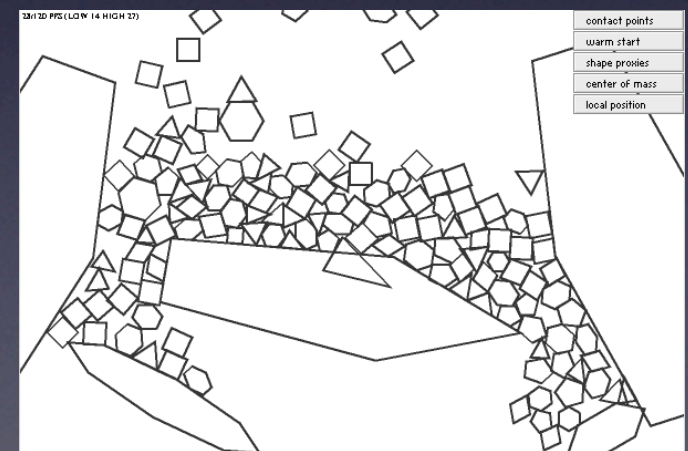
- Actionscript Physics Engine (APE)

- Box 2D

- Motor 2

- FOAM

ported from Box2D engine



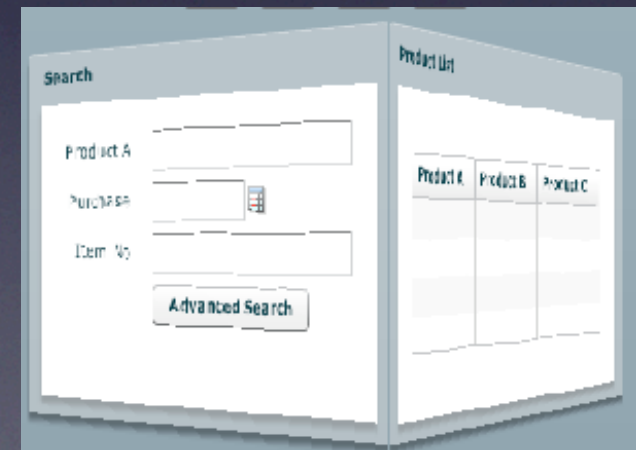


# Cool Shit #4: Physics Forms

- *Stop looking at slides and show the demo.*

# 3D

- PaperVision 3D
- Away3D Sandy
- Flex specific uses:
  - Alex Uhlmann's Sandy transitions
  - Tink's PV3D transitions



# Tweening

- Tweener
- Go
- TweenLite
- KitchenSynch
  
- All these libraries do a simple thing: animate properties. We need them because `mx.effects.Tween` sucks.

# Cool Shit #5: AIR MP3Flow

- *Stop looking at slides and show the demo.*

# Moral Lessons

- Don't reinvent anything
- Don't trust other people's code
- Give credit where credit is due
- Contribute back

# Be Careful!

- *“Pisses me off to no end when a developer won’t take the time to troubleshoot his own code. I’d fire you if you worked for me. Guess now that its published and the articles have been written and your presentations made you don’t give a flip.”*

# Thanks!

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