

Using the Cairngorm Framework

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eye street
software

Who am I?

- TBD
- Software Engineer, Eye Street Software Corporation
- Adobe Certified Flex 2.0 Developer
- Began developing websites in 1997
- Began working with Flash in 1999 (Flash 4 was shiny and new)
 - At first, to make educational widgets
- Developing Flash UIs for business apps since 2001
- Tinkered with Flex 1.5 but didn't see the point
- Started working with Flex 2.0 during public Alpha
- Full-time Flex developer since May 2006

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Who are you?

Outline

- What is Cairngorm?
- When is Cairngorm useful?
- When is Cairngorm **not** useful?
- How do you use Cairngorm?

What is Cairngorm?

What is Cairngorm?



A mountain in Scotland - http://en.wikipedia.org/wiki/Cairn_Gorm

What is Cairngorm?

- Steven Webster describes Cairngorm as a “microarchitecture”
 - http://www.adobe.com/devnet/flex/articles/cairngorm_pt1.html
- Cairngorm includes a class library
 - Add the SWC to your application’s library path
- Cairngorm includes a set of best practices
- Working definition:
Cairngorm is a combination of helper classes and best practices that provides a framework for developing extensible Flex applications

When is Cairngorm useful?

- Large, complex applications
- Applications that are likely to grow
- Applications that are likely to be changed
- Multidisciplinary development teams

When is Cairngorm not useful?

- Your first Flex application
- Simple applications that are not likely to be extended, and that are going to be maintained by the same developer

How do you use Cairngorm?

- Download the class library
<http://labs.adobe.com/wiki/index.php/Cairngorm>
- Add the Cairngorm SWC to your project's library path
- Design and implement directory structure and Cairngorm skeleton classes (recommendation: use Eric Feminella's Cairngen)
- Build your view classes
- Let's look at an example

Questions?

Resources

- Steven Webster's blog
<http://weblogs.macromedia.com/swebster/>
- Alex Uhlmann's blog
<http://weblogs.macromedia.com/auhlmann/>
- Eric Feminella's blog (Cairngen)
<http://www.ericfeminella.com/blog/>
- Cairngorm Docs
<http://www.cairngormdocs.org/>
- Adobe Labs wiki
<http://labs.adobe.com/wiki/index.php/Cairngorm>
- My blog
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