

# *The Cairngorm micro architecture for Flex from 30,000 feet*

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NZ Flex User Group  
Kai Koenig, 20/06/2007

# *Agenda*

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- History of Cairngorm
- Fundamentals and patterns behind Cairngorm
- A simple example

# *History of Cairngorm*

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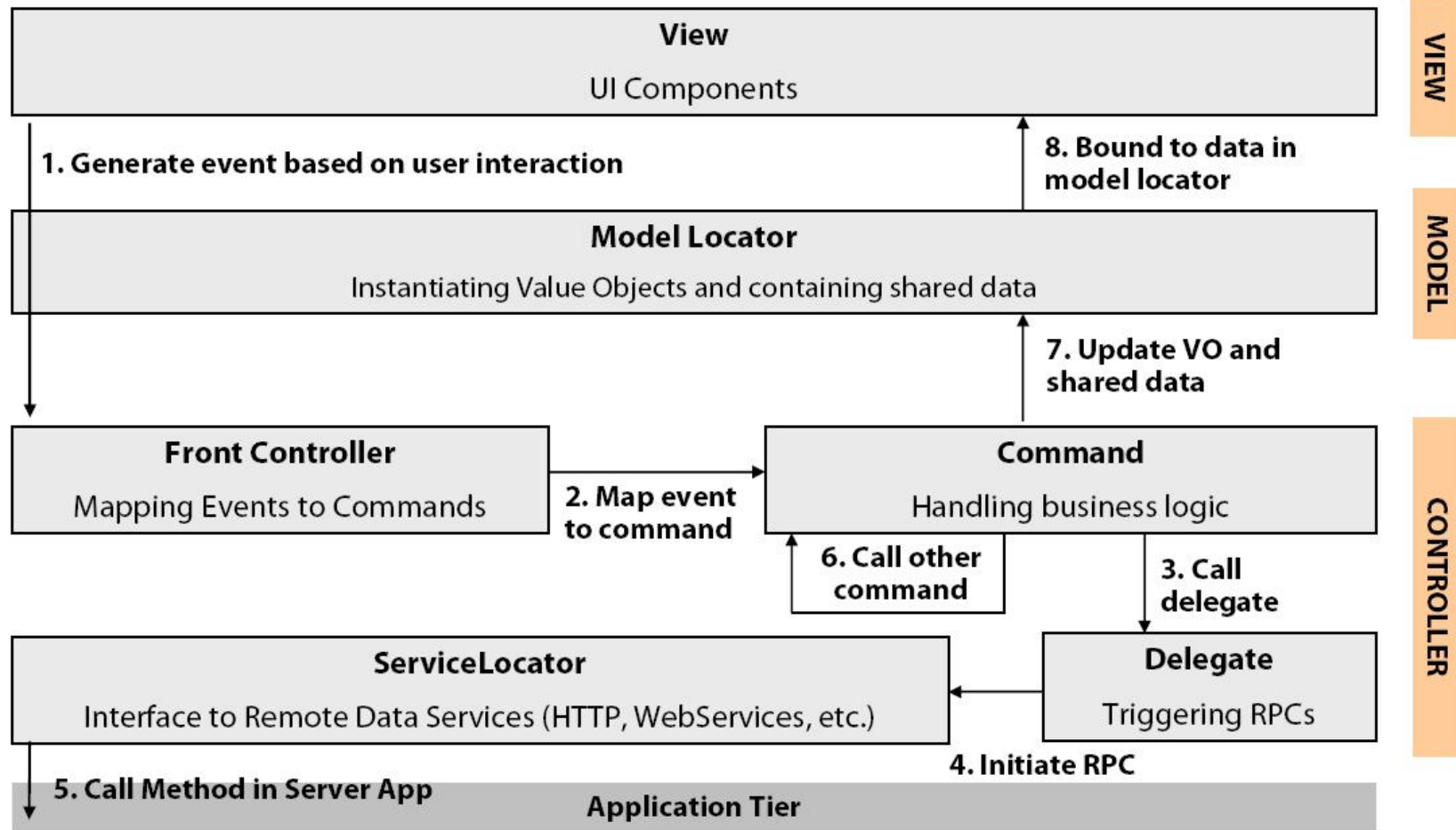
- Cairngorm is a lightweight framework for Rich Internet Application development with Flex
  - Command-driven
  - MVC
- Addresses three key areas:
  - Handling user gestures on the client
  - Encapsulating business logic and server interactions
  - Managing state on the client and representing this state to the user interface

# *History of Cairngorm*

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- 2002: First elements of Cairngorm were published in a book “Reality J2EE – Architecting for Flash MX”
- 2004: First open-source release of the Cairngorm framework labeled 0.95 for Flex 1.5
- 2007: Current release 2.2 (for Flex 2.0.1)

# Fundamentals



# *Patterns behind Cairngorm*

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- Service Locator
- Value Object / Data Transfer Object
- Business Delegate
- Front Controller
- Command

# *Contact*

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