# iOS Application Development Day 4.0

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- 1 Overview of what's new in 4.0
- 2 Hardware differences between devices
- 3 Device coordinate systems, logical points vs. physical pixels
- 4 Blocks in Objective C
- 5 Multiprocessing, Grand Central Dispatch
- 6 Accelerate
- 7 Multitasking aware
- 8 Class overview, bits of information that didn't fit anywhere else

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Overview of what's new in 4.0

1. Overview of what's new in 4.0

Multitasking

Event Kit

# Core Motion

# Data Protection

# Core Telephony

Assets Library

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## Quick Look framework

# AVFoundation update

ImagelO

# CoreMedia

CoreVideo

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# Hardware differences between devices

2. Hardware differences between devices

iPhone 2G

#### iPod Touch models

iPhone 3G

iPhone 3GS

iPad

iPhone 4



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# Device coordinate systems, logical points vs. physical pixels

3. Device coordinate systems, logical points vs. physical pixels

# Mapping points to pixels

# Image naming schemes

iPad v. iPhone 4 v. iPhone earlier naming schems

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# Blocks in Objective C

4. Blocks in Objective C

#### Overview of blocks wrt function closures

## Use of blocks in new iOS

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# Multiprocessing, Grand Central Dispatch

5. Multiprocessing, Grand Central Dispatch

Use of blocks and queues in GCD

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#### Accelerate

6. Accelerate

Preparing your application for iOS 4.0

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## Multitasking aware

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#### Thanks!

