

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

Context-Driven Content Delivery

The Capstone Experience

Team Motorola Mobility

Cory Harter

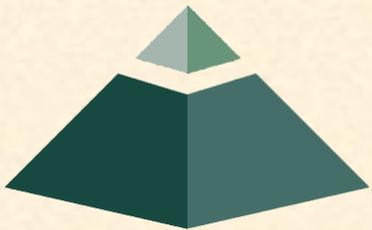
Linwei Zhu

Yudong Yi

Department of Computer Science and Engineering

Michigan State University

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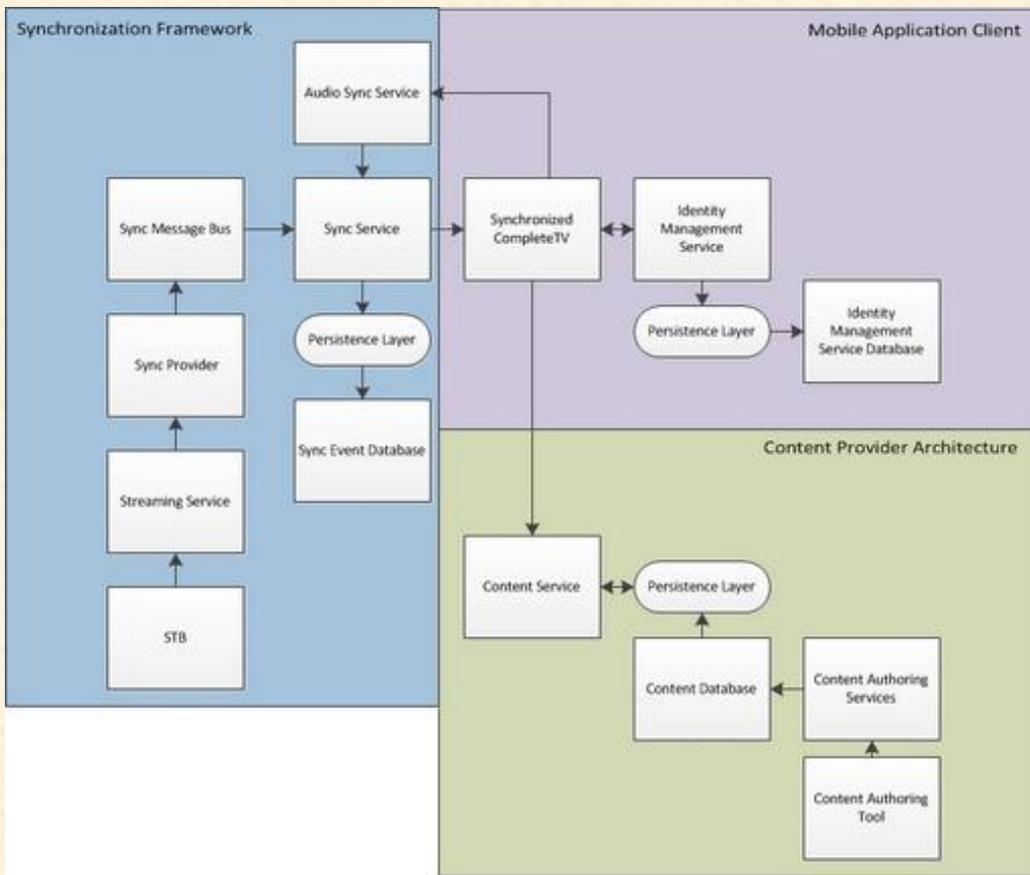


*From Students...
...to Professionals*

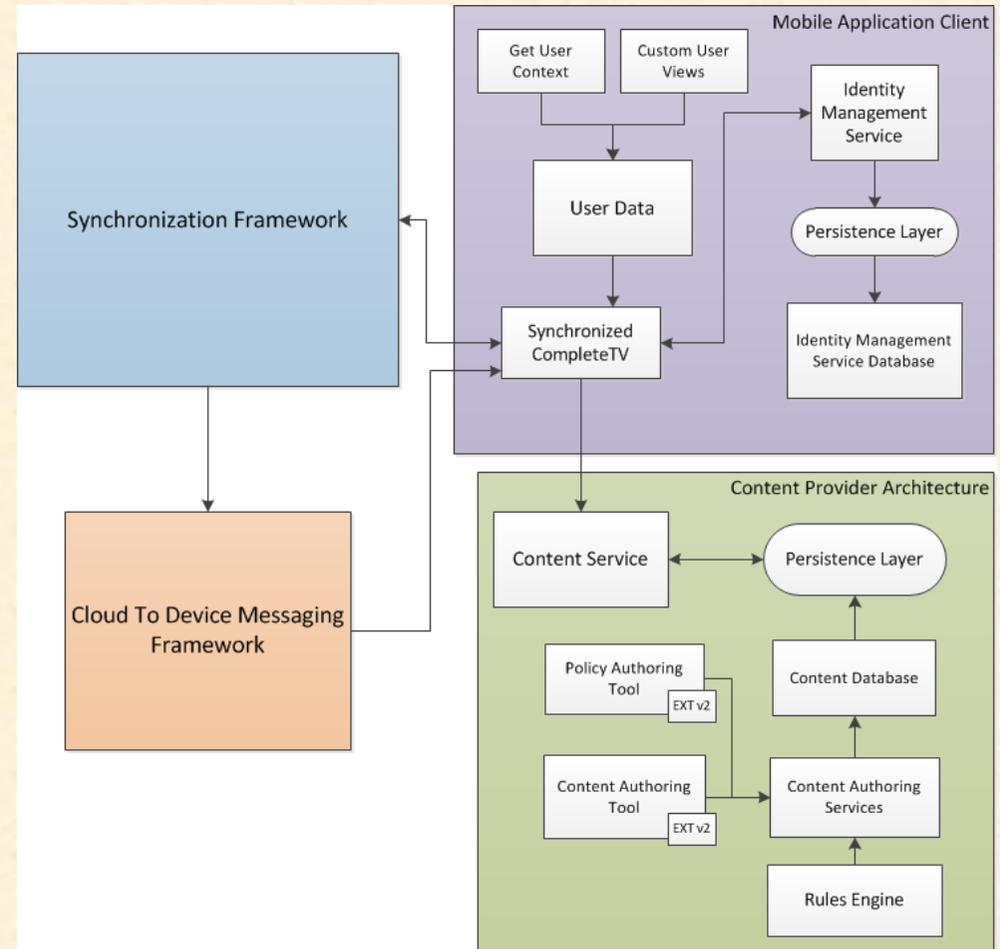
Project Overview

- **Cloud 2 Device Messaging Framework**
 - Scalability
 - Google can do the heavy lifting
- **Content Authoring Tool v2**
 - Addition of "feeds"
 - UI Changes
- **Rules Engine**
 - Content providers
 - Manage policies and rules for content

System Architecture

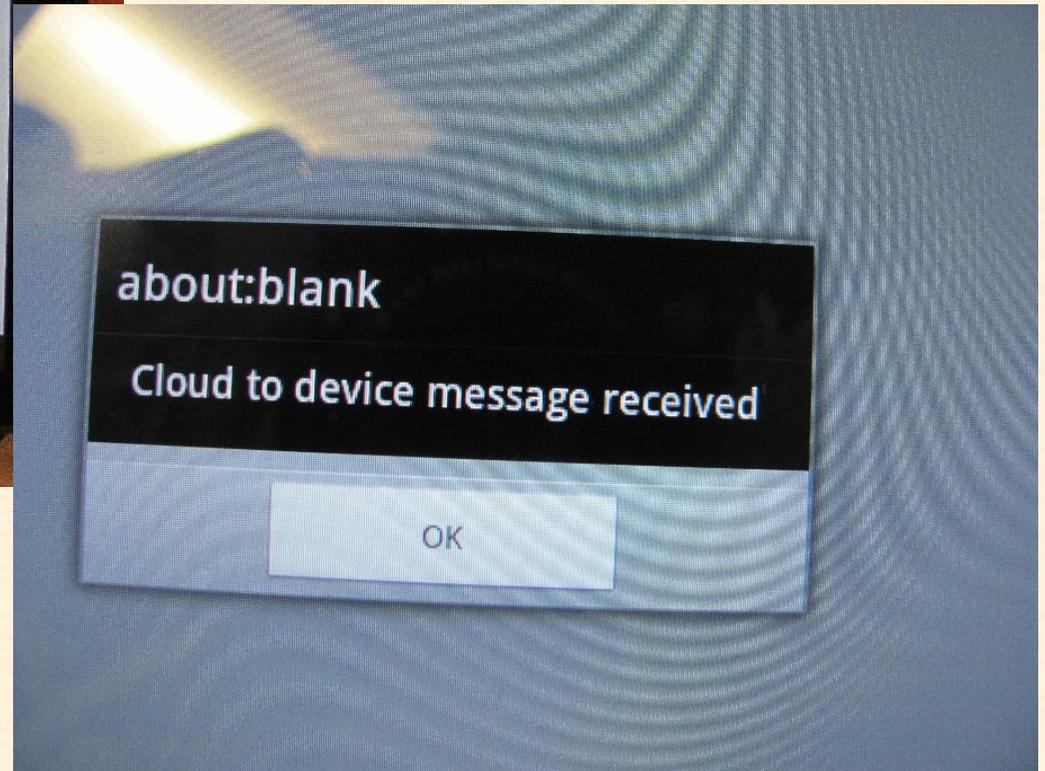
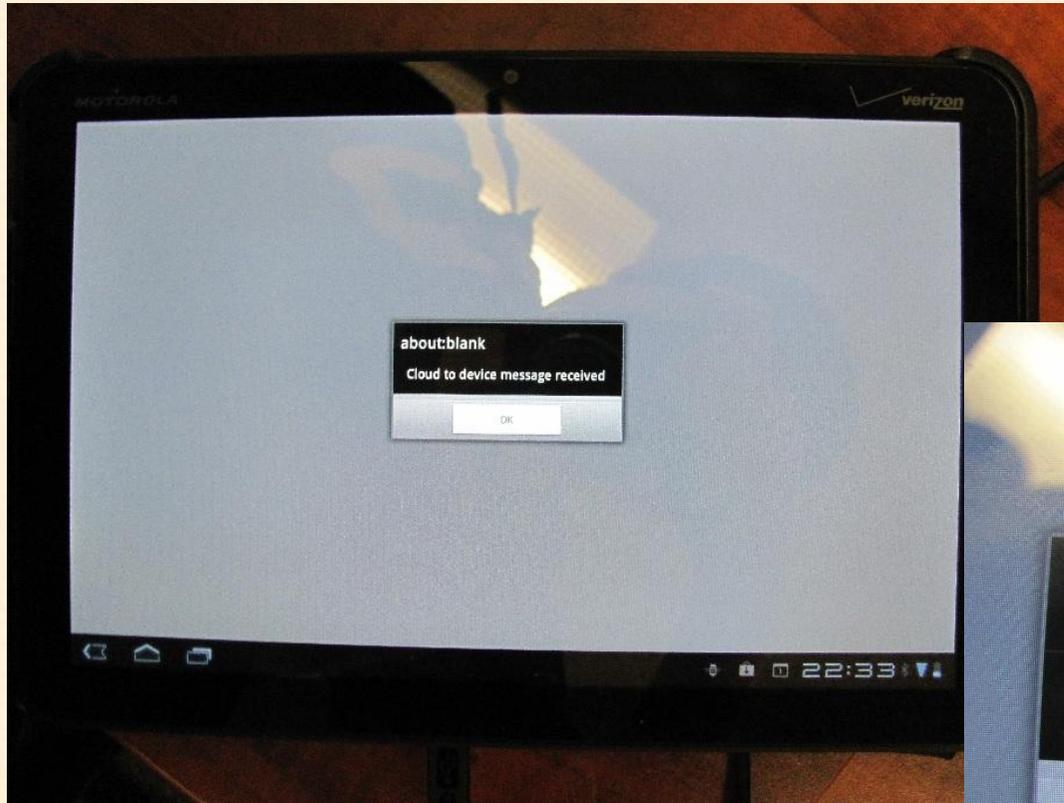


Old Architecture



New Architecture

Cloud 2 Device Messaging



Content Authoring Tool v2

The screenshot displays the Motorola Mobility Content Authoring Tool v2 interface. The browser address bar shows the URL `localhost:8080/content-authoring-tool`. The page header includes the Motorola Mobility logo, the title "Content Authoring Tool", a "Logout" button, and the text "Currently Logged in as:". The navigation menu contains "Home", "Secondary Content Management", "Feed Management", and "Association Management".

The main content area is divided into three sections:

- Feeds:** Features "Create", "Edit", and "Delete" buttons, a search bar, and a list of feeds. The selected feed is "Mythbusters: Big Blasts Collection DVD".
- Content associated with Mythbusters: Big Blasts Collection DVD:** A list of associated content items:
 - MythBusters Book - Don't try this at home
 - Mythbusters - Walking on Water
 - MythBusters - Crash and Burn
- Search for Secondary Content:** A search bar with a search icon and a list of search results:
 - Drop Box
 - Mythbusters: Big Blasts Collection DVD
 - Jamie Hyneman Wikipedia Article
 - Adam Savage Wikipedia Article
 - Grant Imahara's Twitter Feed
 - Mythbusters - Walking on Water
 - Mythbusters' Official Twitter Feed
 - Red Wings vs Colorado Fight
 - Adam Savage's Twitter Feed
 - Test 3
 - Angry Birds
 - Jamie Hyneman Wikipedia Article
 - Kari Byron's Twitter
 - MythBusters - Crash and Burn
 - MythBusters Book - Don't try this at home
 - Science Channel Home Page
 - MythBusters Schedule on Science Channel
 - Monster Bug Wars Video: Assasin Bug
 - Science Channel's Wonders of the Solar System Videos
 - Science Channel's How It's Made Main Page

What's left to do?

- **Cloud 2 Device Messaging**
 - Done.
- **Content Authoring Tool v2**
 - Testing
 - Finishing touches
- **Rules Engine**
 - Not yet begun
 - Research DROOLS
 - Business Rules Management System
 - Implementation