iOS App Development at DESY

TINE User Meeting 06/07/2012



Frank Mayet

Outline

- Introduction
- TINE & iOS
- iOS Development
- iOS App Deployment

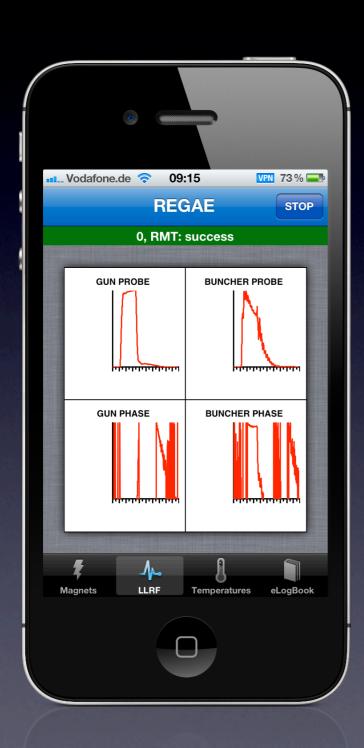
Introduction



- "proof of concept"
- reads out REGAE machine data
- uses TINE C source 4.2.10
- native!



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- √ fast
- ✓ efficient
- easy access to OS features
 - gesture recognizers
 - push notifications
 - •
- easy access to hardware features
 - device rotation
 - location services (geo fencing...)
 - •

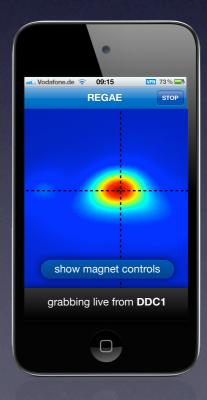
TINE & iOS

some ideas

TINE & iOS

- native version of "Archive Viewer"
- iOS versions of panels
 - alarms and event via push-notifications
- panel design toolbox for the iPad
 - create your own control/monitoring panels
 - assign controls using standard TINE addresses
 - assign "push-notification outlets" to certain events
 - grab video streams
 - iOS 6: restrict devices to a single app (kiosk mode)
 - ...
- native eLogBook apps



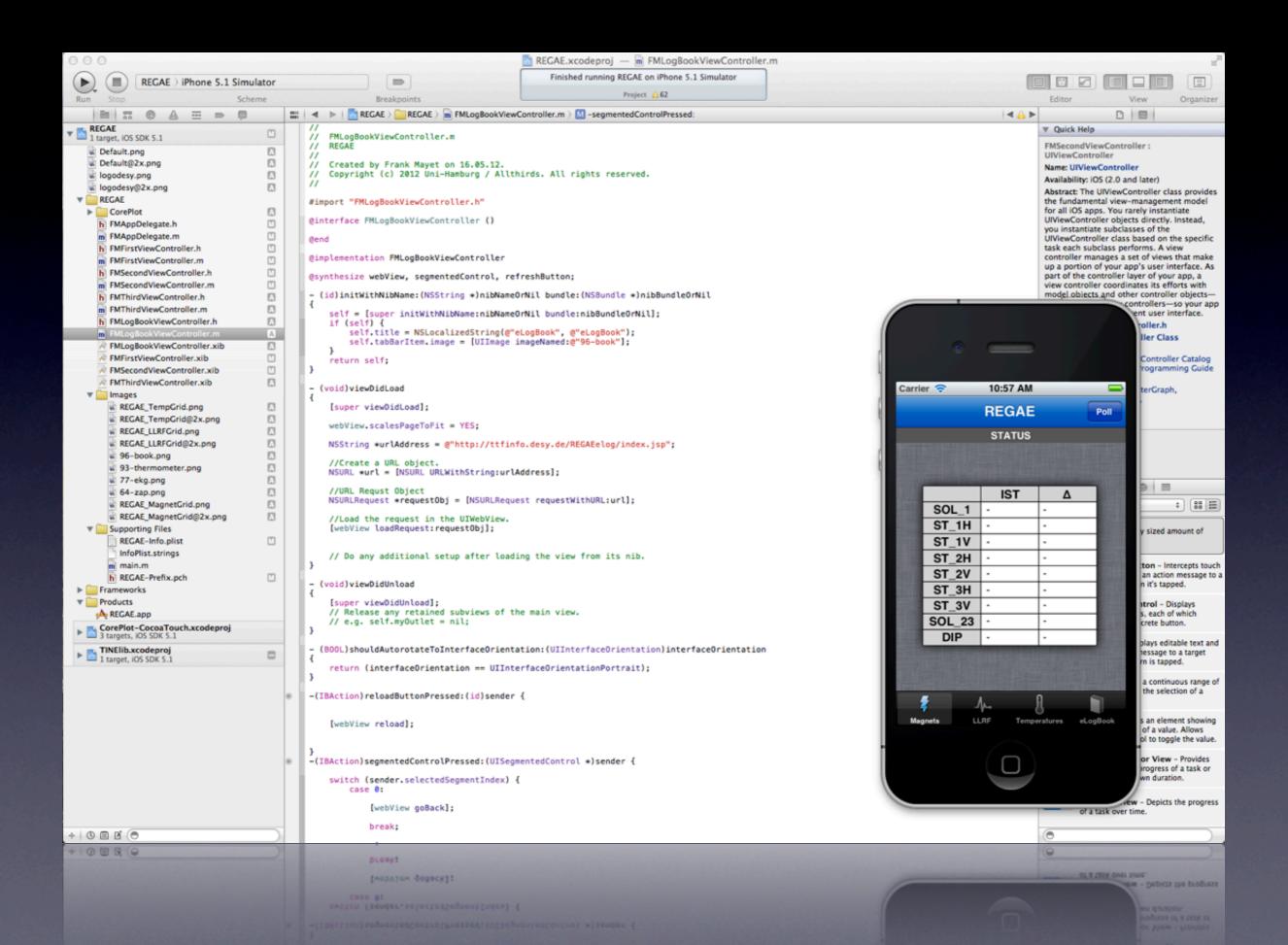


a (very) short primer

current OS	iOS 5.1.1	John C
IDE	Xcode 4.3	
language	Objective-C 2.0	



Position Jul 2012	Position Jul 2011	Delta in Position	Programming Language	Ratings Jul 2012	Delta Jul 2011	Status
1	2	Ť	С	18.331%	+1.05%	Α
2	1	1	Java	16.087%	-3.16%	Α
3	6	111	Objective-C	9.335%	+4.15%	Α
4	3	1	C++	9.118%	+0.10%	Α
			C#	2.00		∧



✓ Mac

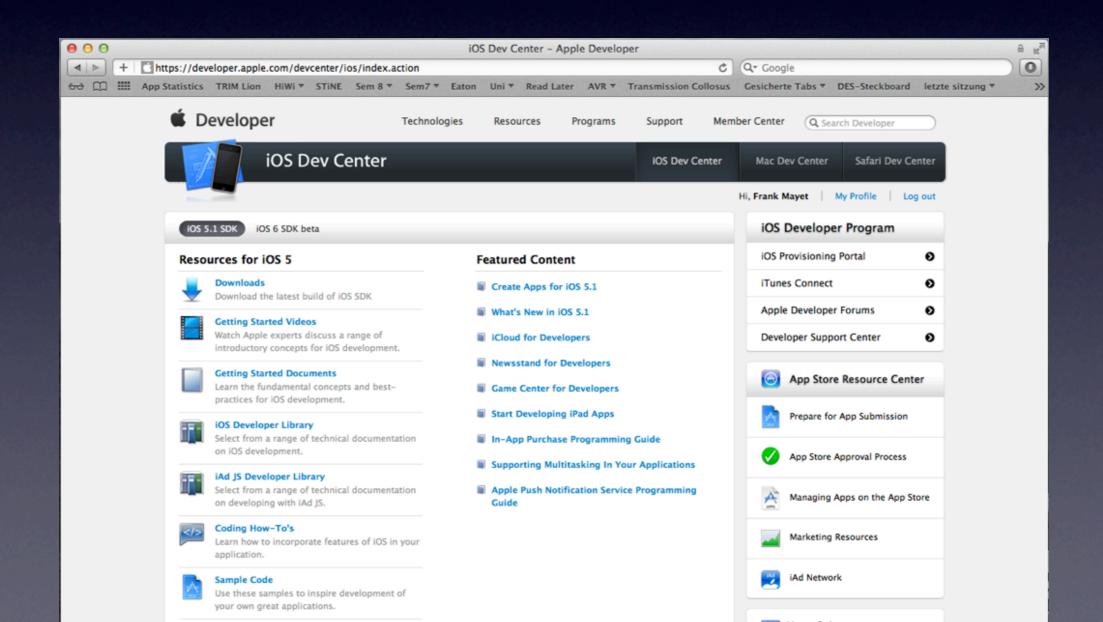
✓ Apple Developer Account

Simulator	free	
Device	80€/year	

✓ Mac

✓ Apple Developer Account

Simulator	free	
Device	80€/year	









- 299€/year
- custom Enterprise App Store
- no Apple review!
- apps are hosted on internal servers
- over-the-air push via MDM servers



Welcome to Apple Configurator

iOS device configuration, supervision and assignment made easy.



Start Preparing Devices

Thank you!

Thank you!

Questions?