A bit of history ...
Our platform? Could it be?
What’s your platform?
What’s your platform?

• SMART on FHIR: open source, standards-based platform to enable an “app” based ecosystem among disparate EHR vendors

• Support planned by all major EHR vendors

• Technology like REST APIs (JSON or XML), OAuth, OpenID Connect
What’s your platform?
What's your platform?

Provider-Centric

Patient-Centric

SMART®
... but I don’t care.
How to you meaningfully innovate?

• Start with the problem
• Involve content experts from the beginning
• Integrate. Integrate. Integrate.
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Credit: xkcd.com
Integrate. Integrate. Integrate.

Patient-Centric

Provider-Centric
Integrate. Integrate. Integrate.

Patient-Centric
Integrate. Integrate. Integrate.
Integrate. Integrate. Integrate.
Weight of CHF patient via HealthKit
BP and pulse of CHF patient via HealthKit

SBP

DBP

Pulse
Steps/day for CHF patient via HealthKit
Integrate. Integrate. Integrate.

Provider-Centric

SMART®

FHIR
Provider-Centric
Demo of SMART on FHIR Platform
Future
ResearchKit

- Informed Consent
- Surveys
- Active Tasks
  - Motor activities
  - Fitness
  - Cognition
  - Voice
Questions?

Facebook buys app for $16 billion

Maybe someday you'll make an app.

No, I want to be a doctor or lawyer.

He's such a disappointment.