

What's New in HealthKit ResearchKit and CareKit

What's New in HealthKit

Don't get too excited



A bunch of things that don't matter to us

- Support for new workout types
- A lot of new features for swimming
- New Workout API updates including workout routes
- Sync data now includes identifiers and versioning

What really matters



Supporting Diabetes Management

- Blood glucose meal time

```
public let HKMetadataKeyBloodGlucoseMealTime: String
public enum HKBloodGlucoseMealTime: Int {
    case preprandial
    case postprandial
}
```

- Insulin delivery

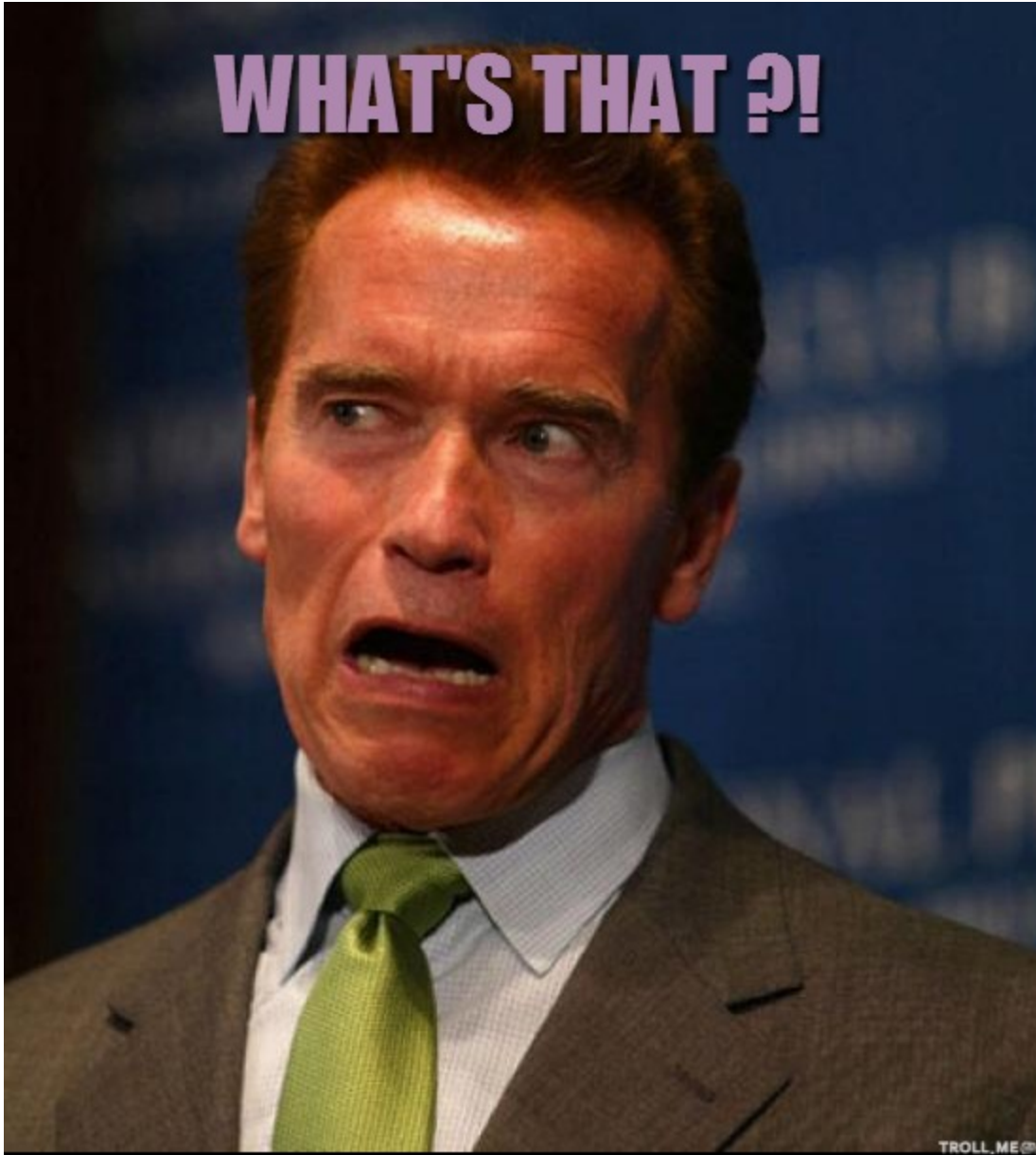
```
public static let insulinDelivery: HKQuantityTypeIdentifier
public let HKMetadataKeyInsulinDeliveryReason: String
public enum HKInsulinDeliveryReason : Int {
    case basal
    case bolus
}
```


watchOS 4 supports CoreBluetooth

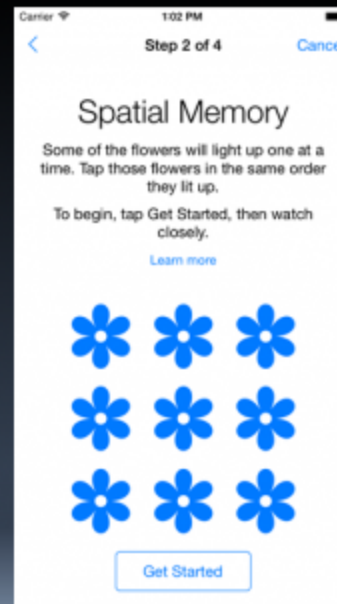
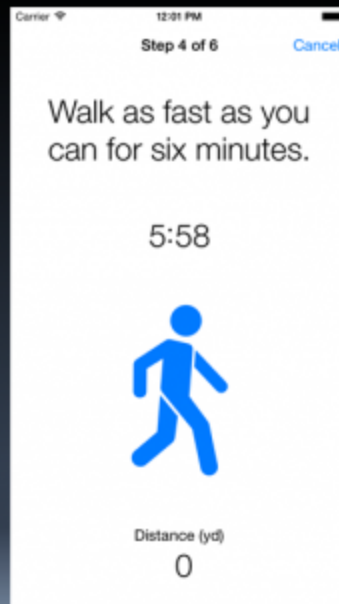


What's New in ResearchKit

WHAT'S THAT ?!



- Open source framework.
- Build surveys for medical research.
- Recruit participants to take surveys or to just provide data.
- It is linked with HealthKit



What's New in ResearchKit

- Tone Audiometry - Hearing test
- Stroop test - Selective attention test
- Trail making test - neuro psychological test
- Range of Motion - Measure flexed and extended positions

What's CareKit

- Open source framework
- Evolved from ResearchKit
- Great for cronic (ex: mental health) and acute (ex: surgery recovery) use cases
- It is linked with HealthKit
- Can use ResearchKit to assess the patient.



- Care Card - displays treatment plan and progress
- Symptom Tracker - record measurements
- Insights - displays trends and gaps in patient care
- Connect - share data with family members or healthcare team

What's New in CareKit

- Care Contents - combine Care Card with Symptom Tracker
- Configure thresholds in the assessments that will trigger alerts when something is above it.
- Chat to connect with healthcare providers



Questions?

