Disclaimer:
This is not a typical technical talk! It is a very fast demonstration of many different Eclipse technologies working together.
Some of the clients we show do not make any sense. 😊
Our motivation is just to show what is possible. We will not provide many details about the underlying frameworks. Please visit other talks to learn more about the technologies we demonstrate.
What are we going to do today

- SWT Client
- JavaFX Client
- Android Client
- JavaFX Client2
- OpenHab Client
- iOS Client
- Browser Client
- Browser Client2
- Rasberry Client
- Paper Client
The models (EMF and EMF Forms)

Data Model

Submission

+name
+eMail
+answer

View Model

SubmissionView

nameControl
eMailControl
questionLabel
answerControl
The Server and Client 1: qb Project

Diagram:
- Data Model
- View Model
- Server
- WebClient
- MongoDB

Connections:
- Data Model to Server
- View Model to WebClient
- Server to WebClient (Rest API)
- MongoDB to Server

Components:
- MongoDB
- Rest API
Client 2: openHab

Server

Rest API

OSGi Client

OpenHab

Chime
Client 3: SWT and EMF Forms

- SWT Client
- SWT Application
- View Model
- Web Handler
- EMF Forms SWT Renderer

Rest API
Client 4-6: Remote Application Platform (RAP)
Client 7: SWT on JavaFX
Client 8: Rasberry Pie

- SWT Client
- minimalSWT
- Rasberry Pie
Client 9: native JavaFX

JavaFX Client

JavaFX Application

View Model

Web Handler

EMF Forms

Rest API
Client 10: Paper

- SWT Client
- Oomph ScreenshotUtil
- PDF
- Printer
- Roxanne Joncas
- Thunderbird
- Paper
- ?
Thank you!

Please evaluate this session on eclipsecon.org

- Other related talks:
  - Oomph: Automatically Provision a … (last session 😊)
  - Smart Homes powered by Eclipse (today)
  - Building Business Uis with EMF Forms (Wednesday)
  - SmartHome Live (Wednesday)
  - What every developer should know about EMF (Wednesday)
  - RAP by EclipseSource – not just Open Source (Wednesday)
  - Efficiently developing Web Forms (Thursday)