



Getting Started with FHIR Servers

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Objectives

This workshop is about running your own FHIR services.

By the end of this session, you will:

- Know what FHIR is
- Have set up a simple FHIR server & interacted with it
- Know how to make it work for your use case



What's FHIR?

Fast
Healthcare
Interoperability
Resources



What is FHIR?

- Has been around in some form since around 2011
- Managed by HL7
- 'Most common 80%' data items
- Extensible
- Awful puns mandatory



FHIR Servers

FHIR Servers

- The FHIR spec defines a RESTful API standard
- There's a few different ways you can go about implementing one

Flexibility



Off-the-shelf
FHIR Server +
Store

Off-the-shelf
FHIR Server +
Plugins

Bespoke
FHIR Server

Simplicity





Customising FHIR

Customising FHIR

- Profiling
 - Remove or add fields
 - Set out the rules for interaction with e.g. an API
 - Set field cardinalities
 - Set which terminologies are used where
 - Describe local requirements/implementation
 - Business rules
- Extensions
 - Define new field types

Customising FHIR

Implementation guides

- Human & Machine Readable



Workshop

Workshop

All the resources can be found here:

bit.ly/2IgCv2r

These slides are on the conference forum. If you have any questions please come find me -- I'll be around the room, or after the session post your questions on the forum.