



What is Meld?



Meld is an open-source healthcare sandbox populated with fully synthetic FHIR® data. It provides a safe space for creation, development, testing and validation of healthcare applications and APIs. The fully synthetic data existing in Meld allows for users to “fail forward” when working with the data, as there is no risk of PHI or PII exposure.

MELD

Each Meld user will have the ability to create sandboxes rapidly, preloaded with synthetic data that is available in FHIR® DSTU2, FHIR® STU3, and FHIR® R4 formats.

Users have the freedom to create, edit, and delete the synthetic data within their sandbox. They can also import their own unique FHIR® data or export all the resources in their sandbox.

Meld Features

- Over 50 fully synthetic patients
- Synthetic EHR, Bilirubin Risk Chart App, and CDS Hooks Sandbox are preloaded into every new sandbox created
- Patient Data Manager Application allows users to easily make needed changes to the synthetic data within their sandbox
- Users can upload FHIR profiles and test with synthetic data for regulatory compliance
- Users can create Launch Scenarios for activities that they will be completing multiple times, cutting down on how long it takes for them to complete the activity
- Users can register unique CDS services to validate FHIR resources
- Scaling containerized architecture to meet the needs of high user demand
- Works in Microsoft Edge, Google Chrome, and Mozilla Firefox

Coming Soon

- Synthetic FHIR® R5 data
- Cryptographically signed Import and validated Export Sandboxes
- Up to date user documentation & Quickstart guide

#chooseopen

