Live SMART/HL7 FHIR Bulk Data Implementations List

The SMART team has created an open live website listing known implementations of SMART/HL7 FHIR bulk data [http://docs.smarthealthit.org/bulk-data-implementations/](http://docs.smarthealthit.org/bulk-data-implementations/).

This website is open source and generated through GitHub pages, so developers are able to initiate pull requests on the underlying public GitHub repository [https://github.com/smart-on-fhir/bulk-data-implementations](https://github.com/smart-on-fhir/bulk-data-implementations) to add or update their own entries. The SMART team will review pull requests and maintain the listing as appropriate.

The initial list of implementations was derived from the respondents from our recent survey of known early adopting implementers who answered structured questions about FHIR clients and servers. This list was cross-referenced with participants who attended a bulk FHIR Connectathon track in 2020. Not all known clients and servers were able to be listed with public urls at this time, as many projects are still in early development.

The initial listing is as follows:

- **AWS**
  - FHIR Works on AWS
- **Google**
  - Google Cloud Healthcare API
    - [https://cloud.google.com/blog/topics/healthcare-life-sciences/getting-to-know-the-google-cloud-healthcare-api-part-1](https://cloud.google.com/blog/topics/healthcare-life-sciences/getting-to-know-the-google-cloud-healthcare-api-part-1)
- **IBM**
  - Client [https://github.com/IBM/FHIR](https://github.com/IBM/FHIR)
  - IBM Watson Health (bulk data support in development)
- **Microsoft - Azure Api for FHIR** [https://github.com/microsoft/fhir-server-samples](https://github.com/microsoft/fhir-server-samples)
- **CMS**
  - Data at the Point of Care [https://dpc.cms.gov/](https://dpc.cms.gov/)
  - Beneficiary Claims Data API [https://bcda.cms.gov/](https://bcda.cms.gov/)
- **Cerner (bulk data support in development)**
- **EPIC (bulk data support in development)**
- **Meditech (bulk data support in development)**
- **Humana (bulk data support in development)**
- **Aetna (bulk data support in development)**
- **Oracle (bulk data support in development)**
- Allscripts (bulk data support in development)
- Fire.ly
  - Vonk FHIR Server [https://vonk.fire.ly/](https://vonk.fire.ly/)
- SMILE CDR
  - Bulk FHIR Server [https://smilecdr.com/docs/bulk/fhir_bulk_export.html](https://smilecdr.com/docs/bulk/fhir_bulk_export.html)
- MITRE
  - Inferno Community [https://inferno.healthit.gov/community](https://inferno.healthit.gov/community) and [https://github.com/onc-healthit/inferno](https://github.com/onc-healthit/inferno)
  - Inferno Program [https://inferno.healthit.gov/inferno](https://inferno.healthit.gov/inferno) and [https://github.com/onc-healthit/inferno-program](https://github.com/onc-healthit/inferno-program) (tied to 170.315(g)(10) Multi-Patient Query)
- 1up Health
  - SQL Analytics API [https://1up.health/dev/fhir-analytics](https://1up.health/dev/fhir-analytics)
- SMART Health IT
  - Server [https://bulk-data.smarthealthit.org/](https://bulk-data.smarthealthit.org/)

The SMART team plans to manage pull requests made by the community and curate the list to obtain publicly resolvable urls as they become available.