

## DME eRx Technical Resources and Setup Instructions

### DRLS and DME Orders

The resources below include background information and a link to GitHub for the DTR/SMART on FHIR App extension also known as DTR. Developer(s) are encouraged to review/read this material. The second page of this document is for setting up the DTR/SMART on FHIR App extension build environment.

CMS / CPI Project (CMS/CPI Information about CRD and DTR)

<https://www.cms.gov/Research-Statistics-Data-and-Systems/Monitoring-Programs/Medicare-FFS-Compliance-Programs/LookupServiceInitiative.html>

- o HL7 Da Vinci Project (Da Vinci Information about CRD and DTR)  
<http://www.hl7.org/about/davinci/>
- o Coverage Requirements Discovery (CRD) Implementation Guide  
<http://hl7.org/fhir/us/davinci-crd/2018Sep/index.html>
- o Documentation Templates and Rules (DTR) Implementation Guide  
<http://build.fhir.org/ig/HL7/davinci-dtr/>
- o Coverage Requirements Discovery (CRD) Reference Implementation code  
<https://github.com/HL7-DaVinci/CRD>
- o Documentation Templates and Rules (DTR) Reference Implementation code  
<https://github.com/HL7-DaVinci/dtr>
- o Request Generator Test Tool  
<https://github.com/HL7-DaVinci/crd-request-generator>


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To set-up the SMART on FHIR App extension (DME Orders client) build environment, the below steps should be followed:

1. Follow the steps in the readme below:  
<https://github.com/HL7-DaVinci/dtr/blob/master/readme.md>
2. At this point you should have all 5 applications running. Depending on your testing environment you may not need all 5 applications, but it is recommended to start by running all 5 applications in order or get up and running with a baseline environment.
3. Set this line of code to true in QuestionnaireForm.jsx:  
**var dMEOrdersEnabled = true;**
4. Set this line of code to your URL in DMEOrders.js:  
**const dmeOrderUrl = "https://some-DME-Orders.domain.org/fhir/ServiceRequest/\$submit";**
5. Run "npm start" from a terminal in order to rebuild and run
6. Navigate to the browser running the Request Generator
7. When sending requests via the Request Generator start with the input parameters below:

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8.

Dara r4 stu3 

EHR Server

CRD Server

Auth Server

Age

Gender  
 Male  Female

Code

Patient State

Practitioner State

Include Prefetch  OAuth

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9. From the above image press Select STU3, Dara, Include Prefetch and press submit  
*Note: CRD/DTR currently uses STU3, but the SoF App DME Order will use R4 / US Core*

Summary  
Auth required  
Details  
Authorization is required, follow the attached link for information.  
Source: Da Vinci CRD Reference Implementation  
Documentation Requirements | SMART App

10. In the card above, press the SMART on FHIR button to launch it.  
11. In the screen below submit the SMART on FHIR App

3.1.1 Current Order Description  
HCPCS E0424 - Stationary Compressed Gaseous Oxygen System, R  
3.1.10 Current Order Is For A Portable Device  
 true  
 false  
3.2 Type \*  
 Liquid  
 Compressed Gas  
 Concentrator  
3.3 Means of oxygen delivery and accessories \*  
3.4 Type of order \*  
 Initial or original order for certification  
 Change in status  
 Revision or change in equipment  
 Replacement

Note: In the dev tools browser window you will see the FHIR bundle in the console window.