



CMAC AssetStore

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A key element of the collaborative Hub programme has been the development of digital assets. To ensure that we can adopt best practice and can drive the adoption of FAIR principles across our manufacturing research portfolio we have identified the need for a simple, secure, managed and searchable repository of digital research tools. To meet this need we have developed the CMAC AssetStore.

Introduction

- The CMAC AssetStore is an Internal Content Management System for uploading, storage and downloading of digital assets.
- Makes digital research outputs more findable, accessible, and reusable.
- Promotes and facilitates sharing and collaboration of digital assets within CMAC and preparation of material for translation to industry.

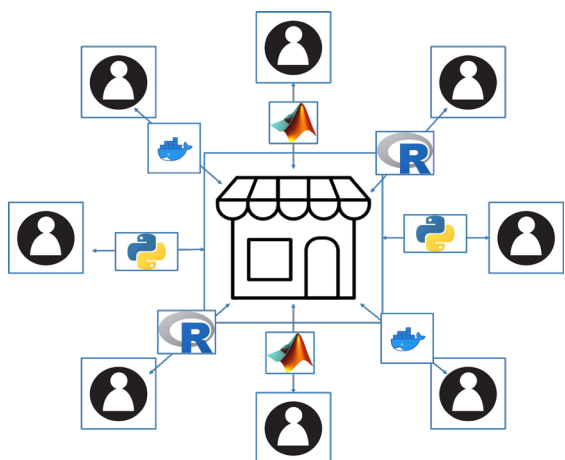


Figure 1: Approved users can upload digital assets in any form, as well as search and download digital assets.

Features

- Upload any of the following digital assets from initial development:
 - Models, workflows, databases, datasets, reporting tools and other technology assets
- Approved users can upload new assets, view and download existing assets while logged in.
- User login is integrated with Azure Active Directory for signing in using university DS account.
- Assets can be searched using title and tags.

Future Updates

- More granular, project-level user access control and security.
- Version Control to keep track of multiple versions of assets as they get updated and applied in QbDD workflows.
- Search functionality with more filter options.
- Integration of digital assets, for example linking to live databases.
- Offline Docker to allow users to set up local environment to run downloaded models and online Docker to run models on the AssetStore without having to download and set up a local environment.

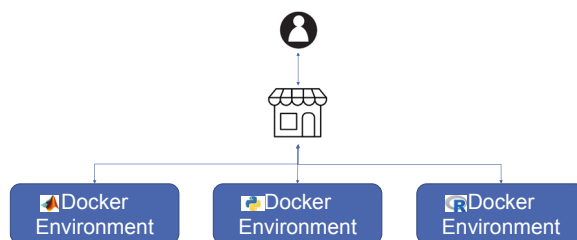


Figure 2: Users to be able to run models offline or online within the AssetStore without having to download and set up a new local environment.

Access

- Access to researchers and academics controlled via user agreement.
- Hosted on University of Strathclyde’s network with users from spoke universities given online access.
- To access the CMAC AssetStore, contact:
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