RHEA Facility Implementation

The RHEA project undertook to create a facility registry as an urgent demonstration project for 2011.   The diagram shows the behaviors which are supported.
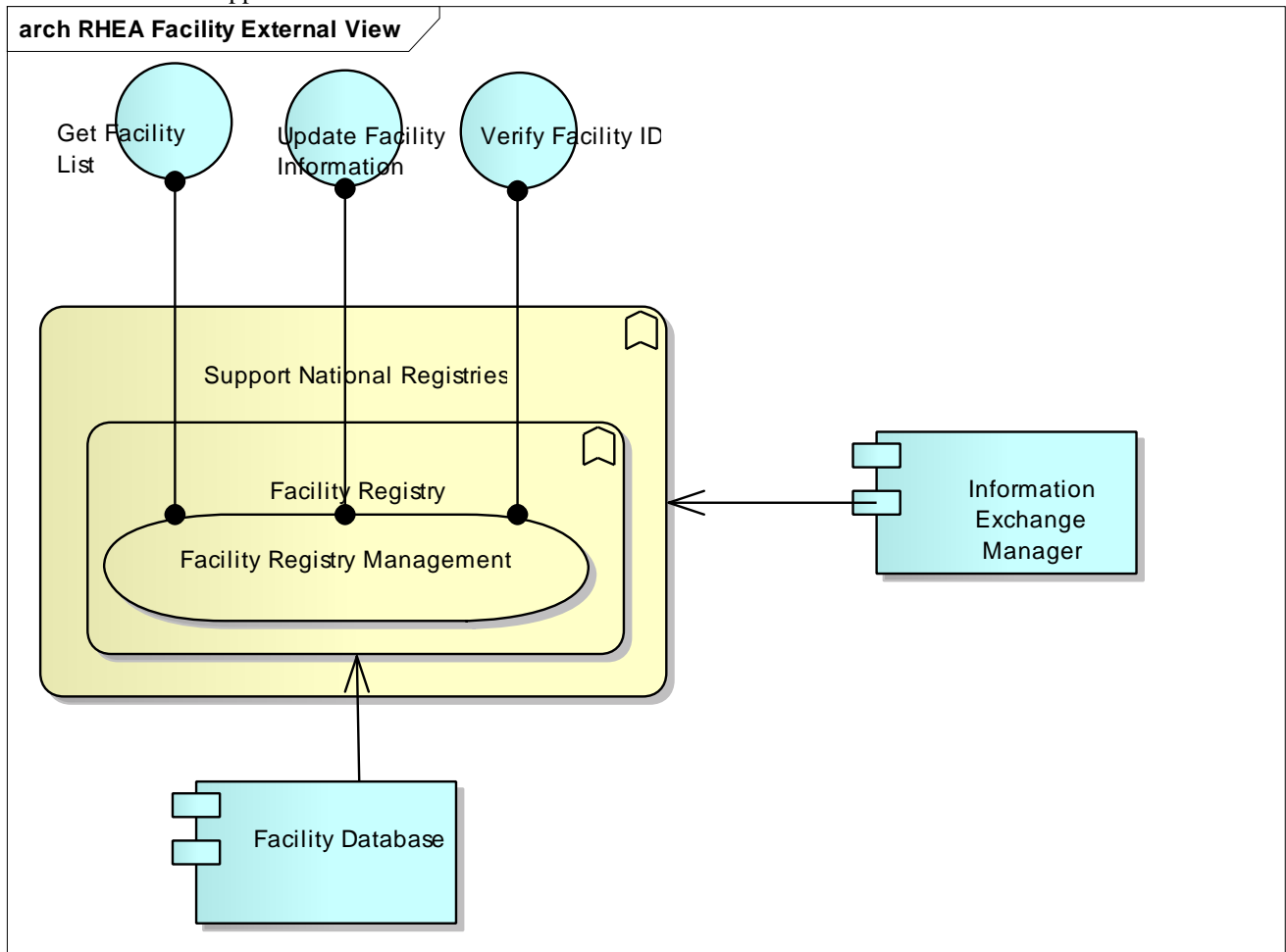

arch RHEA Facility External View

Get Facility List

Update Facility Information

Verify Facility ID

Support National Registries

Facility Registry

Facility Registry Management

Information Exchange Manager

Facility Database

Figure 1 : RHEA Facility External View

Facility Registry Management

public «ArchiMate_Service» <u>Service</u>:
Facility registry management includes the processing of new facilities as well as updates to existing facilities.   It also includes providing facility information including the creation of relevant displays for direct access, and validating the existence of a facility when referred to in a supported transaction.

RHEA Facility Implementation::Facility Database

public «ArchiMate_Component» <u>Component</u>:
The facility database and supporting application is implemented using ..... (Do we have any design documentation here?)

RHEA Facility Implementation::Get Facility List

public abstract «ArchiMate_Interface» <u>Interface</u>:
Request for facility information is managed through direct access to the facility management application. The broadcast of facility information uses a custom data structure (XML encoded) that is based on the current facility DBMS schema.

RHEA Facility Implementation::Update Facility Information

public abstract «ArchiMate_Interface» <u>Interface</u>:
Direct user access to the facility management application allows updating facility information.

RHEA Facility Implementation::Verify Facility ID

public abstract «ArchiMate_Interface» <u>Interface</u>:
Direct user access to the facility management application allows a user to verify a facility id.