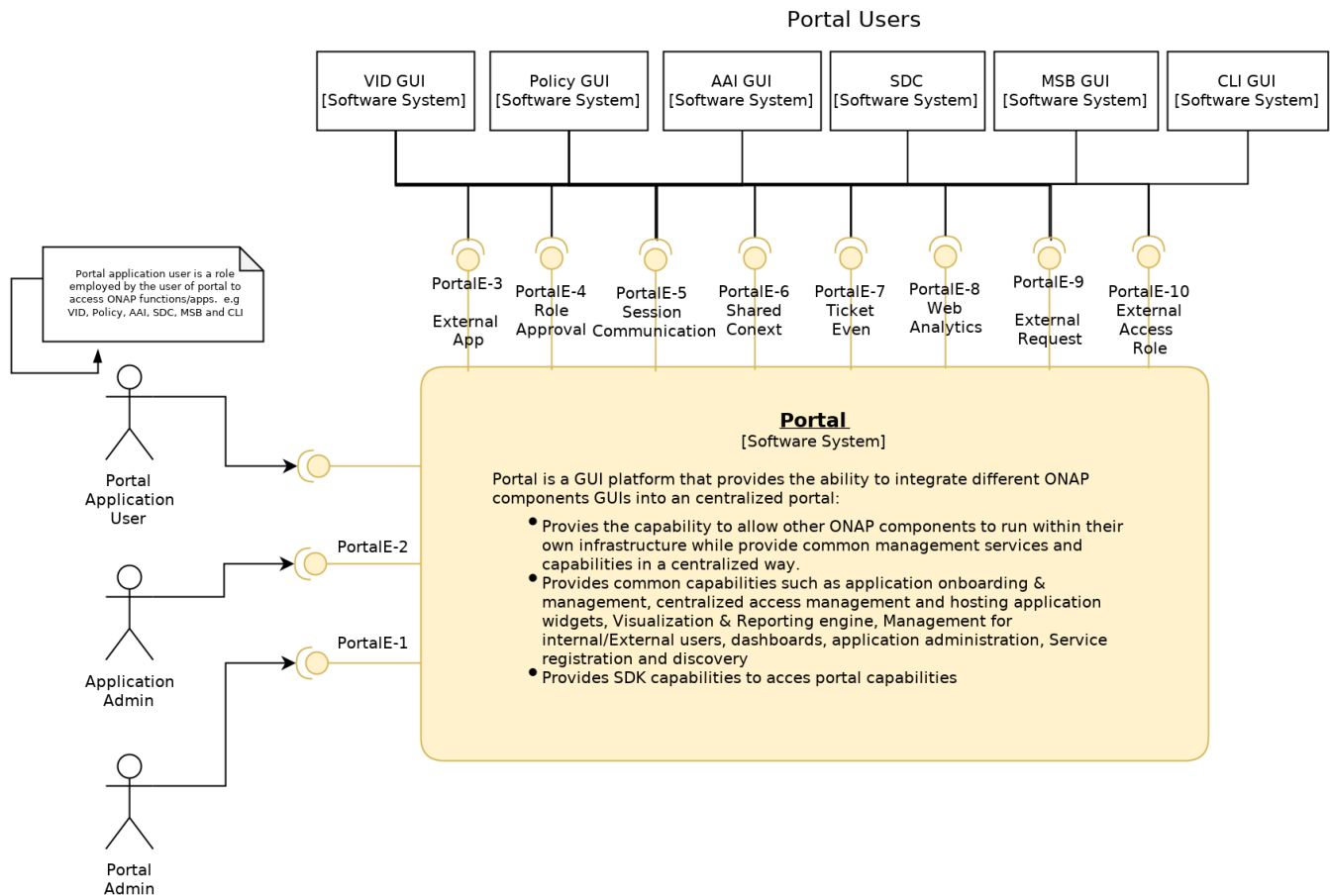


ARC Portal Component Description - Dublin

STATUS: Project approved, ArchCom Approved

Portal:

1 High Level Component Definition and Architectural Relationships



Portal is a GUI platform that provides the ability to integrate different ONAP platform GUIs into a centralized portal.

It provides:

- The capability to allow other ONAP components to run within their own infrastructure while providing common management services and capabilities in a centralized way
- Provides common capabilities such as application on-boarding and management, centralized access management and hosting application widgets, Context-Aware UIControls, Visualization & Reporting Engine
- Provides SDK capabilities to access portal capabilities

Portal is used by:

- VID, Policy, AAI, SDC, MSB and CLI

In addition to regular user, there are admin roles available for Portal to perform some administrative activities of Portal itself and the administration of on-boarded apps.

From the ONAP Portal, administrators:

- access the same functionality accessible to users
- manage users and application admins
- onboard applications and widgets (developed using the Portal as a [platform](#))
- edit the functional menu

2. API definitions

Portal provides the following interfaces: (to be done, add the links)

| Interface Name | Interface Definition | Interface Capabilities | Version | Status | Consumed Models |
|----------------|---------------------------------|--|---------|--------|-----------------|
| PortalE-1 | Portal Admin Interface. | GUI to the portal administrator to: <ul style="list-style-type: none"> • Manage user and application administrations • onboard applications and widgets • edit functional menu | | | |
| PortalE-2 | Application Admin Interface | GUI to the application administrator to | | | |
| PortalE-3 | External App Interface | Platform API for application to: <ul style="list-style-type: none"> • Get functional menu items appropriate for the current user • Get favorite items within the functional menu for the current user • Create Portal notifications for from external application | | | |
| PortalE-4 | Role Approval Interface | Platform API for application to: <ul style="list-style-type: none"> • Delete application roles for a user • Create application user with specific roles • Updates user to have specific roles | | | |
| PortalE-5 | Session Communication Interface | Platform API for application to: <ul style="list-style-type: none"> • Session slot check (integrated through MUSIC) • Extend session timeout values | | | |
| PortalE-6 | Shared Context Interface | Platform API for application: <ul style="list-style-type: none"> • Set Context Value • Test context key presence • Clear context values • Get context values • Get user information for the context | | | |
| PortalE-7 | Ticket Event Interface | Platform API for the application to: <ul style="list-style-type: none"> • Accept message from external ticketing system and create notification for portal user | | | |
| PortalE-8 | Web Analytics Interface | Platform API for the application to: <ul style="list-style-type: none"> • Accept data from partner with web analytics • Retrieve web analytics snippets | | | |
| PortalE-9 | External Request Interface | Platform API to: <ul style="list-style-type: none"> • Add new application to the portal • Retrieve application information • Create new user as Portal Administrator | | | |
| PortalE-10 | External Access Role Interface | Platform API application to: <ul style="list-style-type: none"> • Provide active roles for the application • Delete user roles for the application • Delete roles for the application • Manage role information • Manage role function information • Bulk upload | | | |

Portal however provides multi-language support.

The multi-language support provides:

- Login user language settings
- Update user language settings
- Language options to user
- Ability to add/remove and query supported languages.

3. Component Description:

Add link to [read.the.docs](#)

4. known system limitations

Runtime:

- For https Apps on-boarded to portal, a certificate has to be downloaded in the browser when first trying to access the landing page of the App.
- For on-boarded Apps using http (since Portal is using https) the browser asks the user to click to Proceed to the unsafe URL.

Language capability limitations:

- Language support for different screens
- Portal applications that do not use the portal SDK will not get multi-language support.

5. Used Models

none

6. System Deployment Architecture

FFS.

7 References

- Portal Architectural Description: <https://onap.readthedocs.io/en/latest/submodules/portal.git/docs/platform/architecture.html>
- Portal APIs Specification: <https://docs.onap.org/en/beijing/submodules/portal.git/docs/platform/offeredapis.html>
- [Portal on OOM](#)