Proarc EDMS

Web API

Proarc Web API

The Proarc API (Application Programming Interface) is a set of services for software developers to programmatically invoke operations in Proarc EDMS from another system.

Most business functions in Proarc are exposed in the Proarc API for software developers to invoke programmatically.

What's Included

- Software Development Kit (SDK): Standardized programming tools to make it easier for software developers to use the APIs
- REST APIs: A set of application programming interfaces that conform to the constraints of the REST (Representational State Transfer) architectural style. Proarc API offers two different sets of REST web services:
    1. WCF (Windows Communication Foundation) based API and REST wrapper on top of WCF API for the non. NET integrations
    2. RESTful services built upon the more contemporary Richardson Maturity Model

  Software developers can combine these services to achieve their integration objectives.
- Documentation: Instructions to help software developers use the Proarc API plus reference specifications for all services, methods, and parameters
- Sample App: A fully coded example application that exercises many aspects of the Proarc API and can be compiled, tested, and reused by software developers

Supported Integration

Proarc supports two types of integration:

1. API level integration to run the integration in unattended mode to exchange data between two or more systems. This is achieved through a Client ID & a secret.

2. Trusted Clients - Custom (customer-owned) Application Integration, where customer can develop an app which integrates with Proarc API and also uses Proarc's authentication flow. End users will use the Custom application similar to Proarc.

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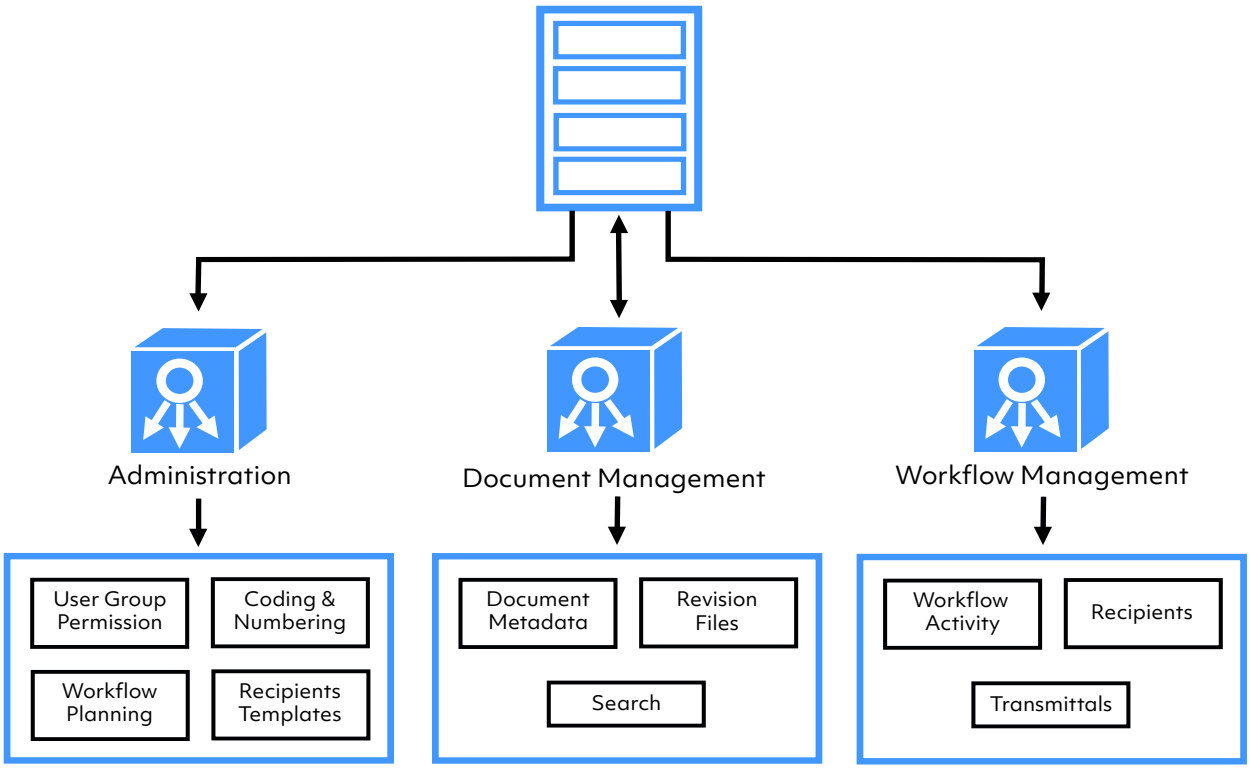
British Assessment Bureau
UKAS MANAGEMENT SYSTEMS
8289
ISO 27001
INFORMATION SECURITY MANAGEMENT

Core Capabilities

Proarc API provides RESTful web services for retrieving, adding, and updating document information in the Proarc EDMS, including these objects:



Actions

- Retrieve a list of documents based on specified criteria
- Create new documents or update document metadata
- Create new revisions
- Modify a revision, set revision status, etc.
- Import files to a document
- Retrieve files from a document
- Check-out and check-in files
- Create users or modify users
- Add users to groups or assign permissions
- Create or modify contact persons
- Add or modify values in look-up tables, such as projects
- Create workflows
- Retrieve workflow activities
- Modify planning data
- Retrieve progress on documents
- Each request returns JSON or XML as required
- Action filters let you select a subset of values

Security

- For each integration, a security token is issued based on a Client ID and a secret
- Authentication and authorization for the Client ID are managed by the same protocols for Proarc users

Logging

- Activity is logged in the same way as the action would be logged if they were performed using the Proarc EDMS
- When the Web API receives a security token, it records the user log in audit event

Sample Application

Proarc includes a sample application that uses a range of methods to illustrate functionality and provide guidance to application developers.

Documentation

Complete API reference documentation with information about methods, parameters, error conditions, and JSON response descriptions.