

EMC Centera SDK for XAM

Software Development Kit for eXtensible Access Method (XAM)—the industry standard for fixed-content archiving

The Big Picture

- Set of tools to enable software applications to integrate to EMC Centera through an industry-standard interface
- Next generation of the EMC Centera SDK
- XAM-enabled applications can co-exist with EMC Centera API-integrated applications
- Data created by applications integrated through the EMC Centera API is accessible by XAM-enabled applications

The fixed content archiving challenge

Today, fixed content is growing at incredible rates—some estimate a rate of nearly 90 percent annually. In fact, the majority of new digital data comes in the form of fixed content. This explosion in fixed content demands a new industry standard to manage.

Fixed content has many forms, such as critical business, legal, and reference documents; X-rays; e-mail attachments; check images; broadcast content; and satellite imagery; among many others. Unlike databases or files, which change and are updated constantly, the value of fixed content stems from the combined attributes of authenticity, long life, and accessibility.

XAM (eXtensible Access Method)

XAM defines a standard access method between applications, management software, and storage systems to manage fixed content. The XAM specification, developed by the Storage Networking Industry Association (SNIA), is the collaborative effort of industry-leading storage vendors and application vendors.

XAM offers software vendors, storage hardware vendors, and end users an interface standard for interoperability, information assurance, storage transparency, long-term record retention, and automation for ILM practices.

EMC Centera SDK for XAM

The EMC® Centera® SDK for XAM allows developers of ISV applications and custom corporate applications to take advantage of the XAM API to integrate with EMC Centera.

Applications interface with the XAM API directly. Below the XAM API, EMC Centera provides a Vendor Interface Module (VIM), which enables the XAM API to interface with EMC Centera.

XAM Features:

- Integrated record retention and disposition metadata for governance and compliance
- ILM framework for classification, policy management, and implementation
- Automated migration process to maintain long-term data readability and mitigate application obsolescence
- Searchable archive without involving the application

EMC Centera SDK for XAM components

- **XAM API and Library**

The XAM API is similar to the existing EMC Centera API. Application vendors who have already integrated to the EMC Centera API will be able to leverage this knowledge and experience to integrate to the XAM API.

- **XAM Developer Module**

Developed by EMC, this component includes software tools, code samples, and reference documentation for XAM application development.

- **EMC Centera Vendor Interface Module**

The EMC Centera Vendor Interface Module (VIM) encapsulates the uniqueness of the storage platform making the “bridge” from the XAM-enabled application to EMC Centera. Support for specific EMC Centera features is also included, such as virtual pools and advanced retention management.

System Requirements

- CentraStar® V4.0.1 or later



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