

DSDE Components Differences

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DSDE Components Differences

HTTP / XML interface Definition

- Used for read/write transactions with DocuShare server using HTTP/1.1 protocol and XML data format
- Header of the request defines the transaction
- The body of the request defines the data for the transaction

HTTP / XML Interface Advantages

- Platform and language independent
- Perl / Java / Python / VB / VC++
- XML format request and response
- Easy for parsing
- Easy to control authentication

HTTP / XML Interface Disadvantages

- Not all functions supported
- Longer development time
- Syntax sensitive
- Requires experience with socket programming when performing ApplyUpload
- Compatibility (compared to DSClient SDK)

DSDE Components Differences

DocuShare Client SDK Definition

- A collection of COM objects for programming in Windows Environment
- DocuShare Windows Client, Outlook Client, and PaperPort Link were all developed using the DocuShare Client SDK
- SDK is built upon HTTP / XML interface

DocuShare Client SDK - Advantages

- Can use it within C#, VB, VC++, VB Script, VBA such as MS Excel, MS PowerPoint, and ASP
- Faster Development
- Easy
- Excellent for building Prototypes
- Lots of extra features (compare with HTTP/XML interface)
- Compatibility (easy to upgrade)
- Need no network programming experience

DocuShare Client SDK – Disadvantages

- Platform & language dependent
- Less customizable
- Less control over data
- Not in XML
- Need time to learn the functions and features offered by SDK

DSDE Components Differences

DocuShare Java API Definition

- Allow Developers to use and communicate to DS using Java
- Most direct interface to DocuShare Server

DocuShare Java API - Advantages

- It's Java!
- Can modify DocuShare schema
- Able to integrate other Java Platform
- Can program in JSP and provide direct web integration

DocuShare Java API - Disadvantages

- It's Java, might not simple to integrate with Windows Application

DSDE Components Differences

DocuShare Workflow API

- Drala workflow engine support full Java integration and XML
- Studio Interface available for graphical representation of Workflow
- Workflow Manager available for monitoring workflow, workflow templates, and performance

DocuShare Interact SDK

- Sparrowizer available for conversion between HTML to DocuShare Interact Page
- Additional templates for samples and deploy
- Capable add an Interact page from Add dropdown directly.