MIGRATION TOOLKIT FOR DOORS PRODUCT SHEET

Migrate from DOORS to DOORS Next.

Speed your adoption of the features of DOORS Next by migrating your requirements without changing your data and working at your team's speed to make the migration.

Elevate your assets to DOORS Next.

DOORS Next introduces critical capabilities in achieving the digital thread. The native web interface assures universal access to your requirements, and the connectivity of OSLC unifies your silos of engineering.

With the activation of configuration management, your teams can manage and version sets of requirements in coordination with other engineering disciplines. The new technology provides connectivity across the globe and between disciplines that were never possible before.

The Migration Toolkit for DOORS provides a bridge from your legacy to the future. The solution allows you to flexibly map the assets in DOORS Classic to DOORS Next.

Data arrives in DOORS Next in your new structure and schema enabling a unique view of your designs. The incremental migration capability supports the migration of individual teams while maintaining their connections.

Scale to the Enterprise

Previous migration methods have targeted small exchanges of information via DOORS Archives or ReqIF packages that were intended for small, unconnected, and homogenous data migrations.

The Migration Toolkit for DOORS addresses many challenges of scale, including performance and security by performing direct transformations, without intermediate file packages.

This eliminates the «export and import» flow that is the burden of the existing generation and transfer of packages.

Maximize your DOORS Next Design

The migration mappings focus on your schema in DOORS Next, enabling new types and structures reflecting your requirements management process.

When creating your topology in DOORS Next, you can allocate modules to unique projects, components, streams, and make the hierarchy of your future.

Your teams will have new possibilities of analysis and reuse of your requirements in DOORS Next.

Incremental & Fast Migrations

Working incrementally is expected. Incrementally migrate your teams and relink their artifacts when their targets become available to allow team migrations.

The configuration and default behaviors make it simple to start migrating and exploring the possibilities.

As you finalize your migration solutions, a built-in review and approval provide confidence in your migrations.

Retain your Requirement Content

IBM DOORS has rich expressions for your data, including tables, rich-text, OLE objects, images, and tables. IBM DOORS Next has similar concepts, but they are not the same.

The Migration Toolkit for DOORS does the hard work of recreating these artifacts as they would natively in DOORS Next:

- Rich Text is transformed into HTML,
- OLEs become wrapped resources while retaining their MIME types for previews in DOORS Next (no embedded RTF files),
- Images are extracted, and non-portable WMF images are converted to PNGs,
- DOORS tables become HTML Tables for quick and native editing.

Flexible Mapping to DOORS Next Schema

DOORS Next has a new flexible schema design to support your requirements management process. With it comes a flexible type scheme with different modules and requirements types.

The Migration Toolkit for DOORS mapping for migrations focuses on how to map to your new target scheme in DOORS Next, including:

- Mapping of DOORS modules to DOORS Next Module types,
- Mapping of DOORS Objects to DOORS Next Artifact Types based on attribute settings,
- Populating Attributes in DOORS Next based on the DOORS Next Type, which only brings over the attributes an artifact needs,
- Flexible mapping of DOORS Attributes to several DOORS Next Attributes,
- Flexible mapping of DOORS Attribute values to different values in DOORS Next,
- Flexible mapping of DOORS Links to custom link types in DOORS Next.

Migration Sets to Drive Coordinated Migration

Migrations don't focus on individual modules; they are usually entire projects or collections.

The migration toolkit supports the selection of DOORS Projects and Folders as the containers of modules intended to be migrated to DOORS Next.

This definition of a unit of migration allows for cohesive migration events, including the following features:

- Select modules in a DOORS Hierarchy,
- Identify DOORS Next Projects to which they will be allocated,
- Identify what Component and Stream they will be part of for each Module,
- Create changesets enabling a review and approval of migrated assets.

Flexible & Incremental Migrations

The idea of moving an entire repository at once is a rare activity, both technically and organizationally.

With the Migration Toolkit for DOORS teams are enabled to define cohesive units of migration.

Our migration toolkit provides the ability to migrate your teams incrementally with the following features:

- Locate modules in any project and component in DOORS Next,
- Provide the review of migrations before finalizing the delivery,
- Provide the ability to (re)link across Projects and Components (both in your current migration event and previous events),
- Low overhead migrations via standard DOORS Next APIs allow flexibility to the size and number of simultaneous migrations.

Pre-Migration Data Checks

Migrations and mappings can be complicated.

The Migration Toolkit for DOORS provides a collection of checks and warnings that allow engineers to check their migration before execution.

By executing the mapping on the real data (but not performing the migration), a quick review of behavior and potential issues can be observed and reviewed even before executing, providing the following insights:

- Check for existence of DOORS Next structures and types,
- Validation of the mapping rules,
- Warn of incomplete and inconsistent source data,
- Identify DOORS content that may not be represented well in DOORS Next.

Key benefits of the Migration Toolkit for DOORS

Get started quickly

Executing migrations do not need to be days of effort. Get started quickly and refine your mappings based on previous executions. Adding rich sets of mapping rules is simple and supported by our checking tools.

Scale

Some migrations get stuck trying to operate with large migration packages. With the Migration Toolkit for DOORS, you can avoid the generation of packages.

The tool directly migrates content to DOORS Next, eliminating manual user steps. Your migrations can be a single DOORS Module or 100 DOORS Modules. You can start, stop, and restart migrations and link across assets migrated in other tasks.

Leverage DOORS Next as intended

DOORS Next is rich with types, components, streams, and changesets. The migration toolkit leverages these concepts to get your team using them sooner.

Your migrations will look like assets natively created in DOORS Next revealing embedded artifacts, rich previews, module structures, and components with streams.

Manage your migration flow

Every migration is unique. With tools to check your mappings, inspect your schemes, perform the migration of select units, and relink across your migrated artifacts, the Migration Toolkit for DOORS empowers your migration strategy.

The solution scales from a quick migration of a couple of modules or moving 250k+ requirements for a project. The toolkit scales to your needs of process and performance.

Clean start & finish

The source data in DOORS may not be pristine, but it is your legacy. Orphaned attributes, different data types across modules, and missing information are expected.

The Migration Toolkit for DOORS is designed to be resilient to these variations and allows you to map to your new schema in DOORS Next. The toolkit avoids time-consuming data cleansing tasks while providing a clean start in DOORS Next.

Prerequisites

- IBM DOORS (Server and Client) 9.x
- IBM ELM 6.0.5-7.0.1
- Microsoft Windows 64-bit
- Java 8 64-bit

About SodiusWillert

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Socius Corp: 418 N. Main Street 2nd Floor, Royal Oak, MI 48067 // +1 (248) 270-2950

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