

1 What's New in the InDesign CS5.5 Products SDK

This chapter summarizes the changes to the SDK in the CS5.5 release (since the CS5 release).

C++ IDE Requirements

InDesign CS5.5 uses the same development environment as CS5.

Porting Content

There are a few new public APIs in CS5.5. See <SDK>/docs/references/APIAdvisor_InDesign_CS5_vs_CS5.5.html for a diff between the CS5 and CS5.5 APIs.

Exporting PDF/VT file

InDesign CS5.5 introduces support for exporting PDF/VT files. PDF/VT is a PDF-based document-description format that is optimized for production of variable-data documents. The goal of this standard is to define a PDF-based format for describing variable-data documents in a way that will allow for faster, more efficient, and more consistent quality in the production of variable-data documents.

The InDesign CS5.5 Products SDK includes the following PDF/VT-related content:

- ▶ The "PDF Import and Export" chapter of the *Adobe InDesign Plug-in programming Guide Volume 2: Advanced Topics* contains information on exporting PDF/VT files.
- ▶ `<SDK>/source/sdksamples/pdfvt` and `<SDK>/source/sdksamples/pdfvtui` are two sample plug-ins to demonstrate the use of the new PDF/VT feature.

EPub and HTML export

The EPub export and HTML export (originally written using scripting) have been completely rewritten using C++, the native programming language in which core InDesign is written.

The InDesign CS5.5 Products SDK includes the following EPub and HTML export-related content:

- ▶ The "EPub Export" chapter of the *Adobe InDesign Plug-in programming Guide Volume 2: Advanced Topics* contains information on exporting EPub files.
- ▶ `<SDK>/source/sdksamples/codesnippets/SnpExportEPub.cpp` demonstrates how to use related APIs.
- ▶ `<SDK>/scripting/indesign/scriptingguide/scripts/JavaScript/documents/ExportEPub.jsx`
- ▶ `<SDK>/scripting/indesign/scriptingguide/scripts/JavaScript/documents/ExportEPubWithOptions.jsx`

Articles

InDesign CS5.5 introduces support for articles. Articles provide an easy way to create relationship among page items. These relationships can be used to define the content to be used while exporting to EPub, HTML, or Accessible PDFs; and to define the order of the content.

The InDesign CS5.5 Products SDK includes the following articles-related content:

- ▶ The “Articles” chapter of the *Adobe InDesign Plug-in Programming Guide Volume 2: Advanced Topics* contains information on using articles.
- ▶ `<SDK>/source/sdksamples/codesnippets/SnpManipulateArticles.cpp` demonstrates how to use related APIs.
- ▶ `<SDK>/scripting/indesign/scriptingguide/scripts/JavaScript/pageitems/AddRemoveArticleMember.jsx`
- ▶ `<SDK>/scripting/indesign/scriptingguide/scripts/JavaScript/pageitems/CreateArticle.jsx`
- ▶ `<SDK>/scripting/indesign/scriptingguide/scripts/JavaScript/pageitems/RemoveArticle.jsx`
- ▶ `<SDK>/scripting/indesign/scriptingguide/scripts/JavaScript/pageitems/ReorderArticleMembers.jsx`
- ▶ `<SDK>/scripting/indesign/scriptingguide/scripts/JavaScript/pageitems/ReorderArticles.jsx`

Linked Stories

InDesign CS5.5 introduces linked stories, which makes it easier to manage multiple versions of the same story or text content in the same document. Linked stories behave similarly to traditional links. You can designate a story as a parent, and then place the same story at other places in the document as child stories. Whenever you update the parent story, the child stories can be updated to synchronize with the parent story.

The InDesign CS5.5 Products SDK includes the following linked stories-related content:

- ▶ The “Linked Stories” chapter of the *Adobe InDesign Plug-in Programming Guide Volume 2: Advanced Topics* contains information on using linked stories.
- ▶ `<SDK>/source/sdksamples/codesnippets/SnpManipulateTextFrames.cpp` has been updated to demonstrate how to use related APIs.
- ▶ `<SDK>/scripting/indesign/scriptingguide/scripts/JavaScript/text/CreateLinkedStories.jsx`

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