



Acrobat Catalog API Reference

Technical Note #5157

Version : Acrobat 6.0



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May 2003



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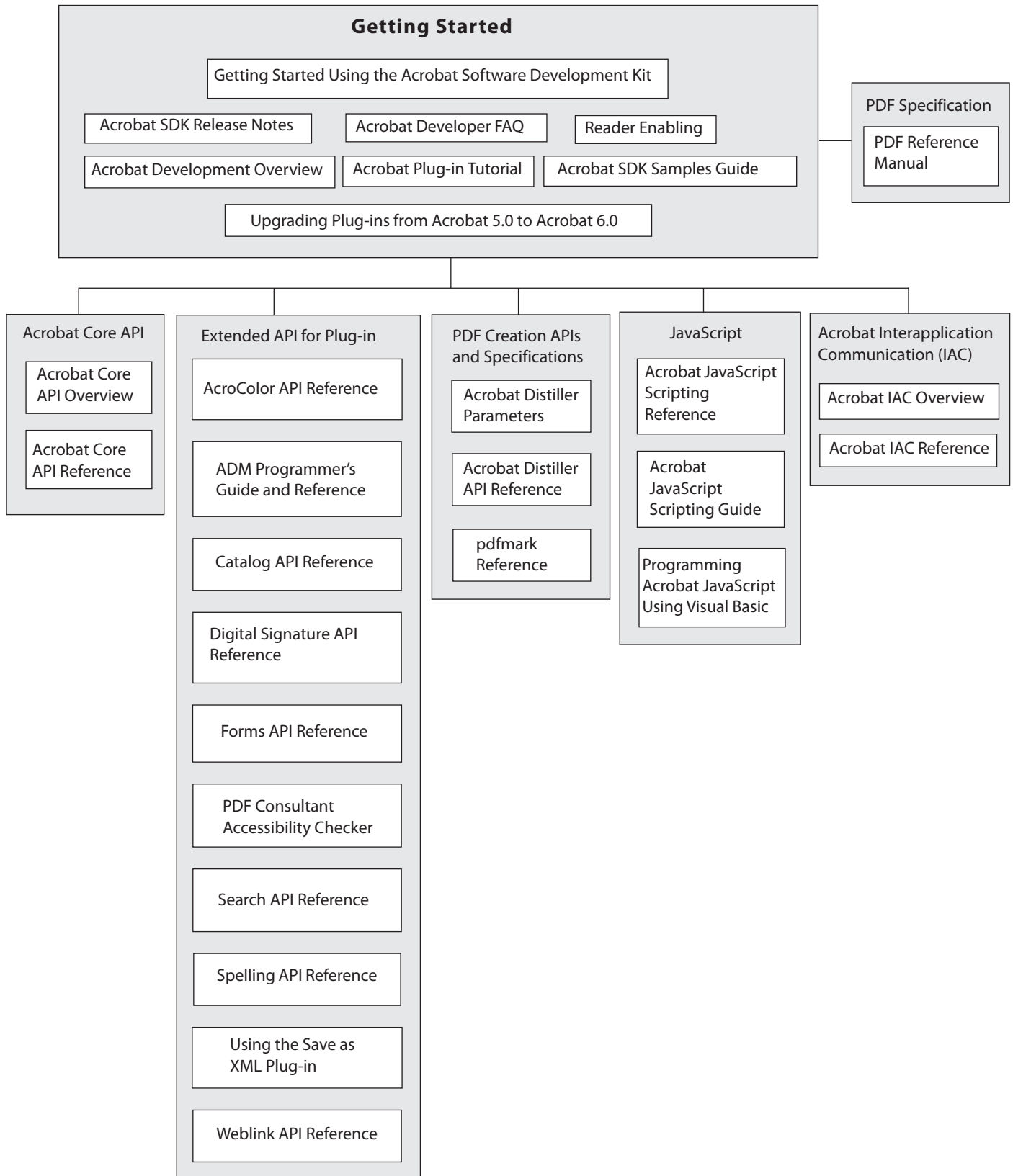
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Acrobat SDK Documentation Roadmap





Contents

Preface	7
Contents	7
Catalog Windows Messages	7
Conventions Used in This Book	8
Catalog API Declarations	9
CatalogStatus	9
IndexStatus.	10
Catalog API Methods	11
CatalogActivate.	11
CatalogBuildIndex	12
CatalogGiveStatus	13
CatalogLoadIndex	14
CatalogPurgeIndex.	15
Catalog DDE Methods	17
AppExit	17
AppFront	18
FileBuild.	19
FileOpen	20
FilePurge	21





Preface

Acrobat Catalog is a plug-in that allows you to create a full-text index of a set of PDF documents. A full-text index is a searchable database of all the text in the documents. After building an index, you can use the Search command to search the entire library quickly. Searches of full-text indexes created using Catalog are faster and more convenient than using the Find command.

The Catalog plug-in has an HFT consisting of several methods that plug-in developers can import and use. In addition, Catalog supports DDE, and broadcasts several Windows messages.

NOTE: In Acrobat 4.0, Catalog was a separate application. Since Acrobat 5.0, it has been part of the Acrobat application. For information on using Catalog and setting its preferences, refer to **Complete Acrobat 6.0 Help** from Acrobat's **Help** menu.

If you received this technical note without obtaining the entire Acrobat Software Development Kit (SDK), you can get the complete SDK by visiting:

<http://partners.adobe.com/asn/developer/acrosdk/main.html>

Contents

This document contains the following sections:

- [Catalog API Declarations](#) describes the data structures used in the plug-in API.
- [Catalog API Methods](#) describes the methods in the plug-in API.
- [Catalog DDE Methods](#) describes the methods available when using DDE.

Catalog Windows Messages

Catalog broadcasts a set of Windows Messages when certain operations occur. These messages are broadcast whether the operations are initiated from the user interface, HFT methods, or DDE methods.

- **AcrobatCatalogBuildSuccess:** On every successful build.
- **AcrobatCatalogBuildFail:** On every failed build.
- **AcrobatCatalogBuildStopped:** When a build has stopped.

Conventions Used in This Book

The Acrobat documentation uses text styles according to the following conventions.

Font	Used for	Examples
monospaced	Paths and filenames	<code>C:\templates\mytmpl.fm</code>
	Code examples set off from plain text	These are variable declarations: <code>AVMenu commandMenu,helpMenu;</code>
monospaced bold	Code items within plain text	The GetExtensionID method ...
	Parameter names and literal values in reference documents	The enumeration terminates if proc returns false .
monospaced italic	Pseudocode	<code>ACCB1 void ACCB2 ExeProc(void)</code> <code>{ do something }</code>
	Placeholders in code examples	<code>AFSimple_Calculate(cFunction, cFields)</code>
blue	Live links to Web pages	The Acrobat Solutions Network URL is: http://partners/adobe.com/asn/
	Live links to sections within this document	See Using the SDK .
	Live links to other Acrobat SDK documents	See the Acrobat Core API Overview .
	Live links to code items within this document	Test whether an ASA tom exists.
bold	PostScript language and PDF operators, keywords, dictionary key names	The setpagedevice operator
	User interface names	The File menu
italic	Document titles that are not live links	<i>Acrobat Core API Overview</i>
	New terms	<i>User space</i> specifies coordinates for...
	PostScript variables	<i>filename</i> deletefile



Catalog API Declarations

CatalogStatus

```
typedef enum
{
    CatalogIdle = 0,
    CatalogBuilding,
    CatalogPurging,
    CatalogWaiting
}
CatalogStatus;
```

Description

Return values for the current state of Catalog.

Header File

CatHFT.h

Related Methods

[CatalogGiveStatus](#)

IndexStatus

```
typedef enum
{
    IndexInvalid = 0,
    IndexCouldNotBeSaved,
    IndexBuildDone,
    IndexPurgeDone,
    IndexLoadDone
    CatalogBusy
}
IndexStatus;
```

Description

Return values for the current state of the Index after a call to purge, build, or load an index.

Members

IndexInvalid	Input path is not correct, or Catalog was not able to load the index.
IndexCouldNotBeSaved	Catalog was unable to save the index at the path given.
IndexBuildDone	The build operation was valid and was completed.
IndexPurgeDone	The purge operation was valid and was completed.
IndexLoadDone	The index was loaded successfully.
CatalogBusy	Catalog is currently busy and could not process the request.

Header File

CatHFT.h

Related Methods

[CatalogBuildIndex](#)
[CatalogLoadIndex](#)
[CatalogPurgeIndex](#)



Catalog API Methods

CatalogActivate

```
void CatalogActivate (void);
```

Description

Launches Catalog. If Catalog is already launched, its window is activated.

Parameters

None

Return Value

None

Header File

CatHFT.h

Related Methods

[CatalogGiveStatus](#)
[CatalogLoadIndex](#)

CatalogBuildIndex

```
IndexStatus CatalogBuildIndex (char *szIndex);
```

Description

Builds an index. If Catalog is not already open, it is launched.

Parameters

<code>szIndex</code>	Destination path of the index (including the <code>.pdx</code> extension).
----------------------	--

Return Value

Status after the build is done. If Catalog is busy, returns `CatalogBusy`.

Header File

`CatHFT.h`

Related Methods

[CatalogActivate](#)
[CatalogLoadIndex](#)
[CatalogPurgeIndex](#)



CatalogGiveStatus

```
CatalogStatus CatalogGiveStatus (void);
```

Description

Returns the current status of Catalog.

Parameters

None

Return Value

The current status of Catalog.

Header File

```
CatHFT.h
```

CatalogLoadIndex

```
IndexStatus CatalogloadIndex (char *szIndex);
```

Description

Opens an already existing index. If Catalog is not already open, it is launched.

Parameters

szIndex	Full path of the index (including the .pdx extension). If it is invalid, the method does nothing.
----------------	--

Return Value

Status after the index definition dialog is closed. If Catalog is busy, returns **CatalogBusy**.

Header File

`CatHFT.h`

Related Methods

[CatalogActivate](#)
[CatalogPurgeIndex](#)



CatalogPurgeIndex

`IndexStatus CatalogPurgeIndex (char *szIndex);`

Description

Purges an already existing index. If Catalog is not already open, it is launched.

Parameters

<code>szIndex</code>	Full path of the index (including the <code>.pdx</code> extension). If it is invalid, the method does nothing.
----------------------	--

Return Value

Status after the purge is done. If Catalog is busy, returns `CatalogBusy`.

Header File

`CatHFT.h`

Related Methods

[CatalogActivate](#)
[CatalogBuildIndex](#)
[CatalogPurgeIndex](#)





Catalog DDE Methods

Clients can connect to the Catalog plug-in via DDE using the service name "Acrocat" and the topic name "Control." This section lists the available DDE methods.

AppExit

[AppExit ()]

Description

Exits Acrobat Catalog .

Parameters

None.

Return Value

If **true**, Catalog exited successfully, otherwise **false**.

AppFront

[AppExit ()]

Description

Brings Catalog to the front.

Parameters

None.

Return Value

None.



FileBuild

```
[FileBuild(char* fullPath)]
```

Description

Builds an index based on the specified index definition file.

Parameters

fullPath	The full pathname of the file to open including the .pdx extension.
-----------------	--

Return Value

If **true**, the file opened successfully, otherwise **false**.

FileOpen

[FileOpen(char* fullPath)]

Description

Opens an index definition file and displays the Edit Index Definition dialog box.

Parameters

fullPath	The full pathname of the file to open, including the .pdx extension.
-----------------	---

Return Value

true if the file opened successfully, otherwise **false**.



FilePurge

[FilePurge(char* fullPath)]

Description

Purges an index definition file.

Parameters

fullPath	The full pathname of the file to purge, including the .pdx extension.
-----------------	--

Return Value

true if the file was successfully purged, otherwise **false**.

