



# Acrobat Catalog API Reference

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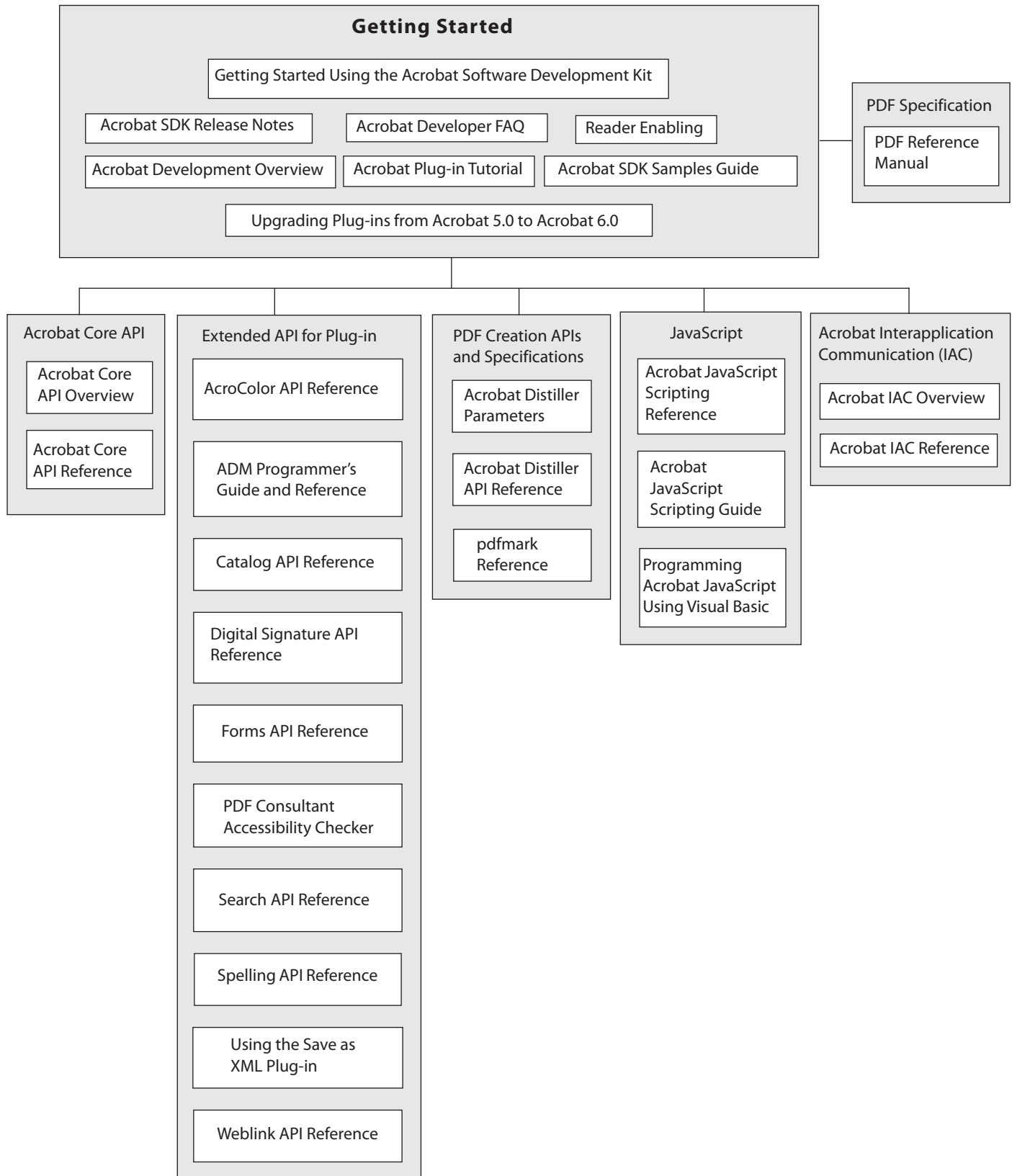
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# Acrobat SDK Documentation Roadmap







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# 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>

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## 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 <b>GetExtensionID</b> method ...
	Parameter names and literal values in reference documents	The enumeration terminates if <b>proc</b> returns <b>false</b> .
monospaced italic	Pseudocode	<code>ACCB1 void ACCB2 ExeProc(void) { 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: <a href="http://partners/adobe.com/asn/">http://partners/adobe.com/asn/</a>
	Live links to sections within this document	See <a href="#">Using the SDK</a> .
	Live links to other Acrobat SDK documents	See the <a href="#">Acrobat Core API Overview</a> .
	Live links to code items within this document	Test whether an <a href="#">ASAtom</a> exists.
bold	PostScript language and PDF operators, keywords, dictionary key names	The <b>setpagedevice</b> operator
	User interface names	The <b>File</b> menu
italic	Document titles that are not live links	<i>Acrobat Core API Overview</i>
	New terms	<i>User space specifies coordinates for...</i>
	PostScript variables	<i>filename</i> <b>deletefile</b>





# 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

<b>IndexInvalid</b>	Input path is not correct, or Catalog was not able to load the index.
<b>IndexCouldNotBeSaved</b>	Catalog was unable to save the index at the path given.
<b>IndexBuildDone</b>	The build operation was valid and was completed.
<b>IndexPurgeDone</b>	The purge operation was valid and was completed.
<b>IndexLoadDone</b>	The index was loaded successfully.
<b>CatalogBusy</b>	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

---

<b>szIndex</b>	Destination path of the index (including the <b>.pdx</b> 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

---

<b>szIndex</b>	Full path of the index (including the <b>.pdx</b> 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

---

<b>szIndex</b>	Full path of the index (including the <b>.pdx</b> 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

---

<b>fullPath</b>	The full pathname of the file to open including the <b>.pdx</b> 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

---

<b>fullPath</b>	The full pathname of the file to open, including the <b>.pdx</b> extension.
-----------------	-----------------------------------------------------------------------------

---

### Return Value

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



---

## FilePurge

[FilePurge(char\* fullPath)]

### Description

Purges an index definition file.

### Parameters

---

<b>fullPath</b>	The full pathname of the file to purge, including the <b>.pdx</b> extension.
-----------------	------------------------------------------------------------------------------

---

### Return Value

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

