

Developer Documentation

Roadmap

Livescribe™ Platform SDK
Version 1.5

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About this Document

This document describes the components of the Livescribe Developer Documentation Set. The set includes license agreements, general developer documents, Platform SDK documents, Desktop SDK documents, Smartpen Emulator documents, and end-user documents. These documents are included with the SDK installations and are downloadable from <http://www.livescribe.com>.

Developer License Agreements

- *Livescribe Developer License Agreement*: The Livescribe license agreement for third-party developers, in TXT and PDF formats. All developers must accept this agreement before downloading the Platform or Desktop SDKs.

General Developer Documentation

- *Read Me First*: Introduces the components of the Livescribe Platform, lists system requirements, and provides download instructions.
- *Introduction to the Livescribe Platform*: Describes the Livescribe Platform, the Livescribe smartpen and Livescribe dot paper, and Livescribe smartpen applications.
- *Developer Glossary*: Lists terms and definitions.

Platform SDK Documentation

The Livescribe Platform SDK documentation set includes the following documents.

Introductory

- *Installing the Livescribe Platform SDK*: Describes the contents of the SDK and how to install and set up your IDE (Integrated Development Environment).
- *Getting Started with the Livescribe Platform SDK*: Describes how to create some simple Hello World penlets, and how to create a basic Tap and Play penlet and paper product using pre-defined code. This document also provides a reference for the wizards, views, and dialogs of the Penlet perspective within the IDE.
- *Eclipse Help*: Introduces the Livescribe IDE plug-in for Eclipse.

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- *Release Notes:* Covers late-breaking information, fixed bugs, and known issues for the Platform SDK.

Development Guidelines

- *User Experience Guidelines:* Presents user interface guidelines for creating penlets to ensure a consistent user experience across all smartpen applications.
- *Development Guidelines:* Presents guidelines for creating penlets and paper products that conform to Livescribe standards and legal requirements.

Penlet Development

- *Developing Penlets:* Describes how to use the Livescribe Platform SDK to develop penlets for the Livescribe smartpen.

Paper Product Development

- *Developing Paper Products:* Introduces the Livescribe Paper Designer and processes for designing paper products for the Livescribe smartpen.

Reference

- *Livescribe Platform API javadoc:* API reference for packages, classes, and methods.

Desktop SDK Documentation

- *Developing Desktop Applications:* Describes how to create desktop applications using the Livescribe Desktop SDK. The SDK is a C# Programming Interface (API) for developing applications that interact with the Livescribe smartpen. Supported interactions include smartpen status information, penlet data transfer, and stroke data transfer.
- *Release Notes:* Covers late-breaking information, fixed bugs, and known issues for the Desktop SDK.

- *Desktop SDK Documentation (API Reference):* Describes the C# API calls to communicate with smartpens using the PenComm client library.

Livescribe™ Smartpen Emulator Documentation

- *Livescribe™ Smartpen Emulator User Guide:* Although not included in the Livescribe Platform SDK package, the Livescribe Smartpen Emulator is a useful tool to use when developing smartpen applications. You can download and install this separately from the Livescribe Developer site.
- *Release Notes:* Covers late-breaking information, fixed bugs, and known issues for the smartpen emulator.

End-User Documentation

To learn about the Livescribe Smartpen and Livescribe Desktop from a user's perspective, please consult their user guides. They are available at <http://www.livescribe.com>. Click on the Support button and locate the Documents list in the right-hand column. Links to the following documents in PDF format are available:

- *Getting Started:* Introduces the Livescribe Smartpen. A dot-enabled version of this document is included in the Livescribe Smartpen box.
- *Livescribe Smartpen User Guide:* Explains Livescribe Smartpen features and use.
- *Livescribe Desktop User Guides for Mac OS X and Windows:* Explain Livescribe Desktop features and use.