

Caplin Platform 4.5

Catalog Of Documents

May 2009

Contents

1	Preface.....	1
1.1	What this document contains.....	1
1.2	Who should read this document.....	1
1.3	Related documents.....	1
1.4	Feedback.....	1
1.5	Acknowledgments.....	1
2	About Caplin Platform documentation.....	2
2.1	Caplin document formats.....	3
3	The Caplin Platform in general.....	4
4	Authentication and permissioning.....	5
4.1	KeyMaster.....	6
5	DataSource.....	7
6	DataSource adapters.....	8
6.1	DataSource for Databases.....	8
6.2	DataSource for RMDS (RFAsrc).....	9
6.3	DataSource for RV.....	9
6.4	DataSource for Triarch (SSLsrc).....	9
7	Liberator.....	10
8	Monitoring and Management.....	11
9	PriceMaster.....	13
10	StreamLink.....	14
11	Transformer.....	15
12	Glossary of terms and acronyms.....	16

1 Preface

1.1 What this document contains

This document lists the set of published documents about the Caplin Platform, version 4.5. It gives a summary of what each document contains and who should read it.

Also see [About Caplin Platform documentation](#) 

1.2 Who should read this document

This document is intended for anyone who needs to locate information about the Caplin Platform.

For information about *Caplin Trader*, see the **Caplin Trader Catalog of Documents**.

1.3 Related documents

◆ Caplin Trader: Catalog Of Documents

Lists the set of published documents about Caplin Trader. It gives a summary of what each document contains and who should read it.

1.4 Feedback

Customer feedback can only improve the quality of our product documentation, and we would welcome any comments, criticisms or suggestions you may have regarding this document.

Please email your feedback to documentation@caplin.com.

1.5 Acknowledgments

Windows and *Internet Explorer* are registered trademarks of Microsoft Corporation in the United States and other countries.










Adobe® Reader is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries.

Java and *JMX* are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. or other countries.

Lua is free software from the Pontifical Catholic University of Rio de Janeiro. Lua 5.0 license Copyright © 1994–2007 Lua.org, PUC-Rio

2 About Caplin Platform documentation

Documents In this catalog the are grouped according to:

- ◆ [The Caplin Platform in general](#)  4
- ◆ [Authentication and permissioning](#)  5
- ◆ [DataSource](#)  7
- ◆ [DataSource adapters](#)  8
- ◆ [Liberator](#)  10
- ◆ [Monitoring and Management](#)  11
- ◆ [PriceMaster](#)  13
- ◆ [StreamLink](#)  14
- ◆ [Transformer](#)  15

Within each group the document set is organized according to the type of content and the component or functional area to which the content relates. The types of document available are:

Document type	Content	Typical readership
Release Highlights	An overview of what is new in a particular release of a product.	◆ Anyone who needs to know what is new in a particular release.
Overview	An overview (usually technical) of a component or functional area.	<ul style="list-style-type: none"> ◆ Business Managers ◆ Technical Managers ◆ System Architects ◆ System Administrators ◆ Software Developers
Architecture	Describes the architecture of a component.	<ul style="list-style-type: none"> ◆ Technical Managers ◆ System Architects
Administration Guide	<p>Explains how to install, configure, manage, and troubleshoot a particular Platform component.</p> <p>Administration Guides are gradually being replaced by a combination of more targeted document types, typically: Installation Guide, How To Guide, Configuration Reference, and Technical Paper.</p>	<ul style="list-style-type: none"> ◆ System Administrators ◆ Software Developers
Installation Guide	A practical guide to installing a component and getting it up and running.	◆ System Administrators

Document type	Content	Typical readership
"How To" Guide	A practical guide to that tells you how to use, configure, or customize the product. For example, how to use an API to customize a particular component. Read in conjunction with the accompanying Reference document, such as a Configuration Reference or an API Reference.	◆ System Administrators ◆ Software Developers
Configuration Reference	Reference documentation detailing all the configuration items for a component or functional area.	◆ System Administrators ◆ Software Developers
API Reference	Reference documentation detailing an API.	◆ Software Developers
Technical Paper	A document describing some technical feature or issue that is not covered in one of the other documents.	◆ Identified in the document preface.

2.1 Caplin document formats

Caplin documents are supplied in several different formats:

- ◆ Portable document format (*.PDF* file), which you can read on-line using a suitable PDF reader such as Adobe Reader®. This version of the document is formatted as a printable manual; you can print it from the PDF reader.
- ◆ Web pages (*.HTML* files), which you can read on-line using a web browser. To read the web version of the document navigate to the *HTMLDoc_m_n* folder and open the file *index.html*.
- ◆ Microsoft HTML Help (*.CHM* file), which is an HTML format contained in a single file. To read a *.CHM* file just open it – no web browser is needed.

The majority of documents (including this one) are available in all three of the above formats. API reference documentation is usually supplied only in HTML format, but for some API documents a *.CHM* file is also available. A few documents are only available as *.PDF* files.

For the best reading experience

On the machine where your browser or PDF reader runs, install the following Microsoft Windows® fonts: Arial, Courier New, Times New Roman, Tahoma. You must have a suitable Microsoft license to use these fonts.

Restrictions on viewing *.CHM* files

You can only read *.CHM* files from Microsoft Windows.

Microsoft Windows security restrictions may prevent you from viewing the content of *.CHM* files that are located on network drives. To fix this, either copy the file to a local hard drive on your PC (for example the Desktop), or ask your System Administrator to grant access to the file across the network. For more information see the Microsoft knowledge base article at <http://support.microsoft.com/kb/896054/>.

3 The Caplin Platform in general

Overviews

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Caplin Platform Release Highlights	Gives an overview of what is new in a release of the Caplin Platform.	Anyone who needs to know what is new in a particular release of the Caplin Platform.
Caplin Platform: Overview	A business and technical overview of the Caplin Platform.	Anyone who requires an overview of what the Caplin Platform is, including: <ul style="list-style-type: none">◆ Business Managers◆ Technical Managers◆ System Architects◆ System Administrators◆ Software Developers

How To Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Caplin Platform: Guide to User Licensing	A guide to the user-based licensing scheme used in the Caplin Platform version 4.5 onwards.	<ul style="list-style-type: none">◆ Business managers who need to understand how the Caplin Platform is licensed.◆ System Administrators who need to install new and upgraded licenses, and monitor license usage.

4 Authentication and permissioning

Overviews

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Auth SDK Overview	An overview of the Auth Modules that are part of Caplin Liberator. Also explains how you can use the Auth Module SDK to create your own modules for controlling user authentication and object permissioning.	◆ Technical Managers ◆ System Architects ◆ System Administrators ◆ Software Developers

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
XML Auth Administration Guide	Describes the XMLAuth Module. Explains how, using XML, you can create your own permissioning structures and control entitlement to objects held on Caplin Liberator. Includes configuration reference information and a list of XML Auth's debug messages. Defines the UDP command interface supplied with XMLAuth.	◆ System Administrators

API Reference

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Liberator Authentication C API Reference (aka Liberator Authentication SDK)	The API reference documentation for the C-based SDK that allows you to create your own Liberator authentication modules.	◆ Software Developers
JavaAuth API Reference (aka Liberator Java Authentication SDK)	The API reference documentation for the JavaAuth Java™ SDK that allows you to create your own Liberator authentication modules.	◆ Software Developers

The permissioning subsystem

Caplin also provides a complete permissioning subsystem that includes a dedicated Permissioning DataSource (the interface between the Caplin Platform and your Permissioning System), and an associated Permissioning Auth Module. The permissioning subsystem is shipped with Caplin Trader, so the documentation for it is listed in the **Caplin Trader Catalog Of Documents**.

4.1 KeyMaster

Overviews

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
KeyMaster Overview	An overview of Caplin KeyMaster: <ul style="list-style-type: none">◆ What KeyMaster is and what it can be used for.◆ The architecture of the component.◆ How KeyMaster fits into the overall Caplin product architecture and third party/customer systems,◆ Key concepts relating to the component.	<ul style="list-style-type: none">◆ Technical Managers◆ System Architects◆ System Administrators◆ Software Developers

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
KeyMaster Administration Guide	Describes how to install, configure, and manage KeyMaster. Includes configuration reference information and a list of KeyMaster log messages.	<ul style="list-style-type: none">◆ System Administrators

API Reference

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
KeyMaster API Reference (aka KeyMaster SDK JavaDoc)	The API reference documentation for the Java SDK that allows you to customize KeyMaster.	<ul style="list-style-type: none">◆ Software Developers

5 DataSource

Note: For an additional list of DataSource documents that are specific to Caplin Trader, see the **Caplin Trader Catalog of Documents**.

Overviews

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Caplin DataSource Overview	A technical overview of Caplin DataSource.	<ul style="list-style-type: none">◆ Technical Managers◆ System Architects◆ System Administrators◆ Software Developers

API Reference

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
DataSource for C API Reference (aka DataSource SDK For C Documentation)	The API reference documentation for the C DataSource SDK.	<ul style="list-style-type: none">◆ Software Developers
DataSource for Java API Reference (aka DataSource for Java SDK Documentation)	The API reference documentation for the Java DataSource SDK.	<ul style="list-style-type: none">◆ Software Developers

Also see [DataSource adapters](#) .

6 DataSource adapters

DataSource adapters are Caplin Platform components that can communicate with external sources and sinks of data and exchange this data with other Platform components, such as Liberator and Transformer. Caplin can supply a number of off-the-shelf DataSource adapters for accessing existing market data distribution systems, vendor feeds, messaging middleware, and databases.

The following sections list the documentation available for these off-the-shelf adapters.

6.1 DataSource for Databases

Overviews

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
DS4DB: DataSource for Databases Overview	An overview of Caplin DataSource for Databases: <ul style="list-style-type: none">◆ What DataSource for Databases is and what it can be used for.◆ How it fits into the overall Caplin Platform architecture.◆ Key concepts relating to the product.	<ul style="list-style-type: none">◆ Technical Managers◆ System Architects◆ System Administrators◆ Software Developers

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
DS4DB: DataSource for Databases Administration Guide	Describes how to install, configure, and manage DataSource for Databases.	<ul style="list-style-type: none">◆ System Administrators

API Reference

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
DataSource for Databases API Reference (aka DataSource for Databases SDK Documentation)	Reference documentation for the Java API that enables developers to customize the behaviour of a DataSource for Databases application.	<ul style="list-style-type: none">◆ Software Developers

6.2 DataSource for RMDS (RFAsrc)

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
DataSource for RMDS Administration Guide	<p>How to configure and operate Caplin's DataSource for RMDS product.</p> <p>DataSource for RMDS uses the Reuters RFA library to request data from market data feeds, such as RMDS, and forward it to other DataSource applications.</p>	◆ System Administrators

6.3 DataSource for RV

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
DataSource for TIB/RV Administrator's Guide	<p>How to configure and operate Caplin's DataSource for TIB/RV product.</p> <p>DataSource for TIB/RV allows the Caplin Platform to exchange messages with the TIB/RV real-time messaging system.</p>	◆ System Administrators

6.4 DataSource for Triarch (SSLsrc)

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
DataSource for Triarch Administration Guide	<p>How to configure and operate Caplin's DataSource for Triarch product.</p> <p>DataSource for Triarch uses the Reuters SSL library to request data from market data systems, such as Reuters Triarch, Reuters RDF, and Reuters RMDS, and forward it to other DataSource applications.</p>	◆ System Administrators

7 Liberator

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Liberator Administration Guide	<p>Describes the Caplin Liberator server and its place in the Caplin Platform.</p> <p>Explains how to install, configure, and manage the Liberator.</p> <p>Includes configuration reference information, and a list of Liberator's log and debug messages.</p>	<ul style="list-style-type: none">◆ System Administrators◆ Software Developers

How To Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Server-side RTTP Logging	<p>Explains how to set up server-side (Liberator) logging of RTTP messages between Liberator and a client communicating over RTTP. Explains how to interpret the resulting log files.</p>	<ul style="list-style-type: none">◆ System Administrators◆ System Testers◆ Software Developers

Technical Papers

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Benchmarking Caplin Liberator	<p>Details the results of a set of performance benchmark tests carried out on Caplin Liberator 4.4.</p> <p>The information provided in this report should assist customers in production capacity planning when deploying Liberator.</p>	<ul style="list-style-type: none">◆ Technical Managers◆ System Architects◆ System Administrators

Also see [Authentication and permissioning](#) ⁵ documents.

8 Monitoring and Management

Overviews

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Monitoring and Management Overview	Describes Caplin's Monitoring and Management solution and its place within the Caplin Platform.	<ul style="list-style-type: none">◆ Technical Managers◆ System Architects◆ System Administrators◆ Software Developers

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Enterprise Management Console: Getting Started Guide	How to configure and run Caplin's Enterprise Management Console	<ul style="list-style-type: none">◆ System Administrators

How To Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Enterprise Management Console: Customizing The Console	How to customize Caplin's Enterprise Management Console	<ul style="list-style-type: none">◆ Software Developers
Monitoring Socket Interface Specification	Describes the commands available for monitoring DataSource applications through a socket interface, and lists the possible responses.	<ul style="list-style-type: none">◆ System Administrators

API Reference

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
DataSource JMX API Reference (aka DataSource JMX SDK Documentation)	The API reference documentation for the JMX Java SDK that allows you to monitor DataSource applications. Includes example classes, and reference information for the available MBean types. Use in conjunction with the Common JMX API Reference .	◆ Software Developers
Enterprise Management Console API Reference (aka Caplin Enterprise Management Console SDK Documentation)	The API reference documentation for the Java SDK that allows you to implement custom tab views in the Enterprise Management Console.	◆ Software Developers

9 PriceMaster

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
PriceMaster Administration Guide	Gives an overview of Caplin's PriceMaster product and describes how to install, configure, and manage it. Includes configuration reference information.	<ul style="list-style-type: none">◆ System Administrators◆ Software Developers

10 StreamLink

Overviews

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
StreamLink Overview (5.0 up)	A technical overview of Caplin StreamLink. Applies to StreamLink 5.0 and above.	◆ Technical Managers ◆ System Architects ◆ System Administrators ◆ Software Developers
StreamLink Overview (4.4)	A technical overview of Caplin StreamLink. Applies to StreamLink 4.4.	◆ Technical Managers ◆ System Architects ◆ System Administrators ◆ Software Developers

Configuration Reference

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
StreamLink Configuration XML Reference (5.0 up)	Describes the XML-based configuration of StreamLink 5.0 and above	◆ System Administrators ◆ Software Developers

API Reference

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
StreamLink .NET API Reference	The API reference documentation for StreamLink .NET Includes an overview of StreamLink .NET, and examples of how to use the API.	◆ Software Developers
StreamLink for Browsers API Reference (aka Caplin SL4B SDK)	The API reference documentation for StreamLink for Browsers. Includes examples of how to use the API.	◆ Software Developers
StreamLink for Java API Reference (aka Caplin StreamLink for Java SDK)	The API reference documentation for StreamLink for Java. Includes examples of how to use the API.	◆ Software Developers

11 Transformer

Administration Guides

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Transformer Administration Guide	Gives an overview of Caplin's Transformer product and describes how to install, configure, and manage it. Also lists Transformer's log and debug messages.	◆ System Administrators ◆ Software Developers

API Reference

<i>Document Title</i>	<i>Description</i>	<i>Readership</i>
Transformer Java Module API Reference (aka Caplin Transformer Java Module SDK)	Reference documentation for the API that enables developers to write new business rule and calculation modules for Transformer in Java.	◆ Software Developers
Transformer Pipeline Module API Reference	Reference documentation for the API that enables developers to write new business rules for Transformer in the Lua language.	◆ Software Developers

12 Glossary of terms and acronyms

This section contains a glossary of terms, acronyms, and abbreviations used in this document.

Term	Definition
aka	<u>a</u> lso <u>k</u> nown <u>a</u> s
API	<u>A</u> pplication <u>P</u> rogramming <u>I</u> nterface
JMX	<u>J</u> ava <u>M</u> anagement <u>E</u> xtensions A Java technology for application and network management.
SDK	<u>S</u> oftware <u>D</u> evelopment <u>K</u> it

Contact Us

Caplin Systems Ltd
Triton Court
14 Finsbury Square
London EC2A 1BR
Telephone: +44 20 7826 9600
Fax: +44 20 7826 9610
www.caplin.com

The information contained in this publication is subject to UK, US and international copyright laws and treaties and all rights are reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the written authorization of an Officer of Caplin Systems Limited.

Various Caplin technologies described in this document are the subject of patent applications. All trademarks, company names, logos and service marks/names ("Marks") displayed in this publication are the property of Caplin or other third parties and may be registered trademarks. You are not permitted to use any Mark without the prior written consent of Caplin or the owner of that Mark.

This publication is provided "as is" without warranty of any kind, either express or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement.

This publication could include technical inaccuracies or typographical errors and is subject to change without notice. Changes are periodically added to the information herein; these changes will be incorporated in new editions of this publication.

Caplin Systems Limited may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time.

This publication may contain links to third-party web sites; Caplin Systems Limited is not responsible for the content of such sites.