



Informatica® Ultra Messaging
6.12

Documentation Introduction

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Table of Contents

- Preface 5**
 - Informatica Resources. 5
 - Informatica Network. 5
 - Informatica Knowledge Base. 5
 - Informatica Documentation. 6
 - Informatica Product Availability Matrices. 6
 - Informatica Velocity. 6
 - Informatica Marketplace. 6
 - Informatica Global Customer Support. 6
- Chapter 1: Introduction..... 7**
 - Getting Started. 7
 - Read About Ultra Messaging Concepts. 7
 - Review Example Source Code. 8
 - Browse API Reference Information. 8
 - Review the Ultra Messaging Configuration Guide. 8
 - Access the Ultra Messaging Knowledgebase. 8
- Chapter 2: UM Documentation Table of Contents..... 9**
 - Overview. 9
- Chapter 3: Ultra Messaging Installation..... 11**
- Chapter 4: Legal Notices..... 12**
 - Third Party Notices. 12

Preface

This document introduces the documentation available for using, configuring, and managing Ultra Messaging products.

To download a ZIP file of the full documentation set, go to http://ultramessaging.github.io/um_doc.html and download the desired version.

To access an expanded (un-zipped) version of the latest-and-greatest UM version, go to <https://ultramessaging.github.io/currdoc/>

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Informatica Resources

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Informatica Network

The Informatica Network is the gateway to many resources, including the Informatica Knowledge Base and Informatica Global Customer Support. To enter the Informatica Network, visit <https://network.informatica.com>.

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- Search the Knowledge Base for product resources.
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- Create and review your support cases.
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Use the Informatica Knowledge Base to find product resources such as how-to articles, best practices, video tutorials, and answers to frequently asked questions.

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Informatica Product Availability Matrices

Product Availability Matrices (PAMs) indicate the versions of the operating systems, databases, and types of data sources and targets that a product release supports. You can browse the Informatica PAMs at <https://network.informatica.com/community/informatica-network/product-availability-matrices>.

Informatica Velocity

Informatica Velocity is a collection of tips and best practices developed by Informatica Professional Services and based on real-world experiences from hundreds of data management projects. Informatica Velocity represents the collective knowledge of Informatica consultants who work with organizations around the world to plan, develop, deploy, and maintain successful data management solutions.

You can find Informatica Velocity resources at <http://velocity.informatica.com>. If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at ips@informatica.com.

Informatica Marketplace

The Informatica Marketplace is a forum where you can find solutions that extend and enhance your Informatica implementations. Leverage any of the hundreds of solutions from Informatica developers and partners on the Marketplace to improve your productivity and speed up time to implementation on your projects. You can find the Informatica Marketplace at <https://marketplace.informatica.com>.

Informatica Global Customer Support

You can contact a Global Support Center by telephone or through the Informatica Network.

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:
<https://www.informatica.com/services-and-training/customer-success-services/contact-us.html>.

To find online support resources on the Informatica Network, visit <https://network.informatica.com> and select the eSupport option.

CHAPTER 1

Introduction

This chapter includes the following topics:

- [Getting Started, 7](#)
- [Read About Ultra Messaging Concepts, 7](#)
- [Review Example Source Code, 8](#)
- [Browse API Reference Information, 8](#)
- [Review the Ultra Messaging Configuration Guide, 8](#)
- [Access the Ultra Messaging Knowledgebase, 8](#)

Getting Started

To download a ZIP file of the full documentation set, go to http://ultramessaging.github.io/um_doc.html and download the desired version.

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See the *UM Quick Start Guide* to get started quickly using an Ultra Messaging binary distribution. This is the best starting place for those interested in performance measurement or for those interested in getting a feel for how Ultra Messaging works without actually writing any code.

The *UM Quick Start Guide* only applies to LBM and UME products.

Go directly to *UMDS Quick Start Guide* to get started with the UMDS server configuration, client APIs and examples.

Read About Ultra Messaging Concepts

Read *Ultra Messaging Concepts* to learn some of the fundamental concepts and features of Ultra Messaging. The *Ultra Messaging Manager Guide* shows you how to use the UMM GUI to more easily configure Ultra Messaging for your applications.

The *Ultra Messaging Guide for Queuing* presents concepts, tutorials, implementation and configuration information about Ultra Messaging queuing.

To download a ZIP file of the full documentation set, go to http://ultramessaging.github.io/um_doc.html and download the desired version.

Review Example Source Code

After considering the examples in the *UM Quick Start Guide* and familiarizing yourself with Ultra Messaging concepts, we suggest digging right into more complex source code examples to see how to use Ultra Messaging. See the following examples:

- *examples of C source code*
- *Java source code examples*
- *.NET source code examples*
- *JMS source code examples*

Ultra Messaging Desktop Services (UMDS) presents information about the UMDS Client and UMDS Server with links to the UMDS example applications and the UMDS APIs.

When you're ready to start writing your own code, you may want to start with `minsrc.c` and `minrcv.c` from the *Quick Start Guide*. Then cut and paste code from the more complicated examples mentioned above, such as `lbmprice.c`. It demonstrates not only the API usage, but also some common design patterns used with Ultra Messaging.

Browse API Reference Information

As you read through the code, refer to the following for details on the functions and data structures.

- *C Application Programming Interface*
- *Java Application Programming Interface*
- *.NET Application Programming Interface*
- *JMS Application Programming Interface*

Review the Ultra Messaging Configuration Guide

Refer to the *UM Configuration Guide* to learn how to set configuration options in order to tune your messaging applications and make the most of your operating environment.

Access the Ultra Messaging Knowledgebase

Be sure to visit the [UM Knowledgebase](#). It contains a wealth of excellent information.

CHAPTER 2

UM Documentation Table of Contents

This chapter includes the following topic:

- [Overview, 9](#)

Overview

And more ... refer to the *Documentation Table of Contents* below for more helpful documents about Ultra Messaging.

Note: The clickable links below and elsewhere in the UM documentation set assume that the entire documentation set is installed and available. The links do not work when this document is viewed from the Informatica Knowledge Base.

Document	Description
Release Notes	Information about changes in the current release.
Quick Start Guide	Step-by-step guide to running binary evaluation tools and to building minimal programs.
Concepts Guide	Fundamental concepts behind Ultra Messaging.
Configuration Guide	A guide to the configuration options for Ultra Messaging and examples.
Operations Guide	Contains monitoring strategies, troubleshooting information and error message descriptions for supporting the operation of Ultra Messaging.
Ultra Messaging Manager Guide	Information about using the UMM GUI to create configuration templates, application configurations and assign applications to users. Also contains information about running the UMM daemon, <code>ummd</code> .
Guide for Persistence	Concepts, tutorials and configuration information for UMP along with discussions about designing persistent applications.
Guide for Queuing	Concepts, tutorials and configuration information for UMQ.
Dynamic Routing Guide	Concepts, tutorials and configuration information for the UM Router (DRO).

Document	Description
Informatica Knowledge Base and How-To Library	A collection of notes on Ultra Messaging. Includes a list of frequently asked questions (FAQ), articles answering common support questions, new hardware issues, source code examples and more.
Ultra Messaging C API	Documentation for the UM C API
Ultra Messaging Java API	Documentation for the UM Java API
Ultra Messaging .NET API	Documentation for the UM .NET API (Note - the Windows doc package also contains a standard Windows help package for the .Net API. See LBMCS in the LBM program group.)
Ultra Messaging Manager Java API	Documentation for the UM Manager Java API
C Example Source Code	Source code for many complete example programs using the UM C API.
Java Example Source Code	Source code for many complete example programs using the UM Java API.
C# Example Source Code	Source code for many complete example programs using the UM .NET API.

CHAPTER 3

Ultra Messaging Installation

See the [Operations Guide](#) for information on installing UM product code and documentation.

CHAPTER 4

Legal Notices

This chapter includes the following topic:

- [Third Party Notices, 12](#)

Third Party Notices

1. UM's Java API makes use of the log4j software package, which is included with the Ultra Messaging distribution. The following terms of use apply (taken from <http://www.apache.org/licenses/LICENSE-2.0.txt>):

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