

# Apache News Online: Apache MINA

## Table of contents

12 August 2008 - Apache MINA 2.0.0-M3 Now Available.....	2
09 July 2008 - Apache MINA 2.0.0-M2 Now Available.....	2
23 April 2008 - Apache MINA 1.0.10 and 1.1.7 Released.....	3
26 February 2008 - Apache MINA 2.0.0-M1 Now Available.....	3
10 February 2008 - Apache MINA 1.0.9 and 1.1.6.....	4
27 November 2007 - Apache MINA 1.0.8 and 1.1.5.....	5
17 October 2007 - Apache MINA 1.0.6 and 1.1.3 Released.....	6
14 August 2007 - Apache MINA 1.0.5 and 1.1.2 Released.....	6
19 July 2007 - Apache MINA 1.0.4 and 1.1.1 Released.....	7
16 April 2007 - Apache MINA 1.1.0 Released.....	8
16 April 2007 - Apache MINA 1.0.3 Released.....	8
21 February 2007 - Apache MINA 1.0.2 Released.....	9

## 12 August 2008 - Apache MINA 2.0.0-M3 Now Available

[The Apache MINA Project](#) is pleased to announce the release of MINA 2.0.0-M3.

This release is finally done earlier than planned due to some serious performance regressions in 2.0.0-M2.

- 4 bug fixes :
  - Calling `IoBuffer.slice()` in `CumulativeProtocolDecoder.doDecode()` can cause data corruption.
  - Big performance drop in 2.0M2 `CumulativeProtocolDecoder` for large messages.
  - Running tests leave files in `/tmp`.
  - The proxy sample does not work - results in a `NullPointerException`.
- 3 improvements :
  - Moved `ExceptionMonitor` from core to util
  - `IoFuture::isReady` is renamed to `isDone`.
  - Port the 'Haiku' example to 1.0 and trunk.

This is a milestone release and is not yet considered suitable for production use. This release improves the code structure, documentation and provides bug fixes and improvements since 2.0.0-M2. We are waiting for your feedback for the next release.

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[-- Apache MINA PMC \(Project Management Committee\)](#)

### Note:

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2008-08-12T07:43:19](#)

## 09 July 2008 - Apache MINA 2.0.0-M2 Now Available

The Apache MINA project is pleased to announce the release of MINA 2.0.0-M2. Apache MINA is a network application framework which helps users develop high performance and high scalability network applications easily. It provides an abstract, event-driven, asynchronous API over various transports such as TCP/IP and UDP/IP via Java NIO. The latest release is now available here:

<http://mina.apache.org/downloads.html> A list of all the resolved issues for this release is available here :

<https://issues.apache.org/jira/secure/IssueNavigator.jspa?reset=true&pid=10670&fixfor=12312861>  
This is a milestone release and is not yet considered suitable for production use.

This release improve the code structure, documentation and provide a large number of bug fix since 2.0.0-M1. We want to thanks all the developers who started using the 2.0 MINA branch and provided a lot of useful feedback for building this release. Thanks, Apache MINA PMC

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2008-07-09T14:17:35](#)

## 23 April 2008 - Apache MINA 1.0.10 and 1.1.7 Released

[The Apache MINA project team](#) is proud to announce the new minor point releases of Apache MINA, a Java network application framework, version 1.0.10 and 1.1.7.

Apache MINA is a network application framework which helps users develop high performance and high scalability network applications easily by providing an abstract, event-driven, asynchronous API over various transports such as TCP/IP and UDP/IP vis Java NIO.

Please refer to the release note for the changelog: <http://tinyurl.com/6hxvec>

The Apache MINA project website includes resources such as introductory presentation slides, tutorials, and examples to help you learn MINA as soon as possible.

The Apache MINA project team is always open for your feedback. Please let us know what you think about MINA via our mailing list and support forum: <http://mina.apache.org/contact.html>

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**[-- The Apache MINA Project team](#)**

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2008-04-23T02:56:36](#)

## 26 February 2008 - Apache MINA 2.0.0-M1 Now Available

[The Apache MINA project](#) is pleased to announce the release of MINA 2.0.0-M1.

Apache MINA is a network application framework which helps users develop high performance and high scalability network applications easily. It provides an abstract, event-driven, asynchronous API over various transports such as TCP/IP and UDP/IP

via Java NIO.

The latest release is now available here:

<http://mina.apache.org/downloads.html>

This release has too many changes and fixed to enumerate in their entirety. Some of the key improvements include:

- Simplified and more consistent API
- Ability to share I/O processor threads between multiple servers and/or clients
- Improved support for streaming files
- Improved String and JMX integration
- Improved logging support
- Framework for simplifying state machine creation and maintenance
- Support for synchronous clients
- OSGi integration

This is a milestone release and is not yet considered suitable for production use. The intent of this release is to showcase the new modified API and other improvements in MINA. We hope that developers will start to use this release and provide feedback.

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**[-- The Apache MINA PMC \(Project Management Committee\)](#)**

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2008-02-27T23:12:32](#)

## 10 February 2008 - Apache MINA 1.0.9 and 1.1.6

The Apache MINA project team is proud to announce the new minor point releases of Apache MINA, a Java network application framework, version 1.0.9 and 1.1.6.

Apache MINA is a network application framework which helps users develop high performance and high scalability network applications easily by providing an abstract, event-driven, asynchronous API over various transports such as TCP/IP and UDP/IP via Java NIO.

Please refer to the release note for the changelog: <http://tinyurl.com/3c6dqf>

The Apache MINA project website includes resources such as introductory

presentation slides, tutorials, and examples to help you learn MINA as soon as possible.

The Apache MINA project team is always open for your feedback. Please let us know what you think about MINA via our mailing list and support forum:  
<http://mina.apache.org/contact.html>

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**-- The Apache MINA Project team**

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2008-02-10T09:00:12](#)

## 27 November 2007 - Apache MINA 1.0.8 and 1.1.5

[The Apache MINA project team](#) is proud to announce the new minor point releases of Apache MINA, a Java network application framework, version 1.0.8 and 1.1.5.

Apache MINA is a network application framework which helps users develop high performance and high scalability network applications easily by providing an abstract, event-driven, asynchronous API over various transports such as TCP/IP and UDP/IP via Java NIO.

The Apache MINA project website includes resources such as introductory presentation slides, tutorials, and examples to help you learn MINA as soon as possible.

Please refer to the release note for the changelog: <http://tinyurl.com/2jjkbu>

The Apache MINA project team is always open for your feedback. Please let us know what you think about MINA via our mailing list and support forum:  
<http://mina.apache.org/contact.html>

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-- The Apache MINA Project Team

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2007-11-27T00:27:11](#)

## 17 October 2007 - Apache MINA 1.0.6 and 1.1.3 Released

The Apache MINA project team is proud to announce the new minor point releases of Apache MINA, a Java network application framework, version 1.0.6 and 1.1.3.

Apache MINA is a network application framework which helps users develop high performance and high scalability network applications easily by providing an abstract, event-driven, asynchronous API over various transports such as TCP/IP and UDP/IP via Java NIO.

The Apache MINA project website includes resources such as introductory presentation slides, tutorials, and examples to help you learn MINA as soon as possible.

Please refer to the release note for the changelog: <http://tinyurl.com/2bqpls>

The Apache MINA project team is always open for your feedback. Please let us know what you think about MINA via our mailing list and support forum: <http://mina.apache.org/contact.html>

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**[-- The Apache MINA Project team](#)**

### Note:

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2007-10-17T12:34:52](#)

## 14 August 2007 - Apache MINA 1.0.5 and 1.1.2 Released

[The Apache MINA project team](#) is proud to announce the new minor point releases of Apache MINA, a Java network application framework, version 1.0.5 and 1.1.2.

Apache MINA is a network application framework which helps users develop high performance and high scalability network applications easily by providing an abstract, event-driven, asynchronous API over various transports such as TCP/IP and UDP/IP via Java NIO.

The Apache MINA project website includes resources such as introductory presentation slides, tutorials, and examples to help you learn MINA as soon as possible.

Please refer to the release note for the changelog: <http://tinyurl.com/2vr3wn>

Quick links:

- Homepage - <http://mina.apache.org/>
- FAQ - <http://mina.apache.org/faq.html>
- Testimonials - <http://mina.apache.org/testimonials.html>
- Documentation - <http://mina.apache.org/documentation.html>
- Performance - <http://mina.apache.org/performance-test-reports.html>
- Downloads - <http://mina.apache.org/downloads.html>

The Apache MINA project team is always open for your feedback. Please let us know what you think about MINA via our mailing list:

<http://mina.apache.org/contact.html>

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**-- The Apache MINA Project Team**

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2007-08-14T02:06:31](#)

## 19 July 2007 - Apache MINA 1.0.4 and 1.1.1 Released

[The Apache MINA project team](#) is proud to announce the new minor point releases of Apache MINA, a Java network application framework, version 1.0.4 and 1.1.1.

Apache MINA is a network application framework which helps users develop high performance and high scalability network applications easily by providing abstractions of network and protocol I/O layers.

The Apache MINA project website includes resources such as introductory presentation slides, tutorials, and examples to help you learn MINA as soon as possible.

Please refer to the release note for the changelog: <http://tinyurl.com/3yzuzk>

Quick links:

- Homepage - <http://mina.apache.org/>
- FAQ - <http://mina.apache.org/faq.html>
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**[-- The Apache MINA project team](#)**

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2007-07-19T10:16:44](#)

## 16 April 2007 - Apache MINA 1.1.0 Released

[The Apache MINA project team](#) is pleased to announce the release of the Apache MINA version 1.1.0. Apache MINA is a network application framework which helps users develop high performance and high scalability network applications easily.

The 1.1.0 release is a Java 5 port of Apache MINA 1.0.x, which employed the new language features in Java 5 (i.e. generics and covariant return type). Existing applications based on MINA 1.0.x can be ported to MINA 1.1.0 with very little effort.

Distributions are available from the download page here:

<http://mina.apache.org/downloads.html>

More information on Apache MINA can be found at the Apache MINA project site:

<http://mina.apache.org/>

For those who are interested in Java network application performance:

<http://mina.apache.org/performance-test-reports.html>

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**[-- The Apache MINA Project Team](#)**

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2007-04-16T11:17:56](#)

## 16 April 2007 - Apache MINA 1.0.3 Released

[The Apache MINA project team](#) is pleased to announce the release of the Apache MINA version 1.0.3. Apache MINA is a network application framework which helps

users develop high performance and high scalability network applications easily.

The 1.0.3 release is a backward-compatible minor upgrade that fixes several bugs found in the previous release. All changes are source and binary compatible with the previous release, version 1.0.2.

Distributions are available from the download page here:

<http://mina.apache.org/downloads.html>

More information on Apache MINA can be found at the Apache MINA project site:

<http://mina.apache.org/>

For those who are interested in Java network application performance:

<http://mina.apache.org/performance-test-reports.html>

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**[-- The Apache MINA Project Team](#)**

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2007-04-16T11:00:51](#)

## 21 February 2007 - Apache MINA 1.0.2 Released

[The Apache MINA project team](#) is proud to announce the release of Apache MINA, a Java network application framework, version 1.0.2.

Apache MINA (Multipurpose Infrastructure for Network Applications) is a network application framework which helps users develop network applications easily by providing abstractions of network and protocol I/O layers. [The Apache MINA project website \(mina.apache.org\)](#) includes resources such as introductory presentation slides and examples to help you learn MINA as soon as possible.

### Feature List:

- Unified API for various transport types:
  - TCP/IP
  - UDP/IP
  - In-VM pipe communication
  - You can implement your own!
- Low-level and high-level API:
  - Low-level: uses ByteBuffers
  - High-level: uses user-defined message objects and codecs

- Stream-based I/O support via StreamIoHandler
- Filter interface as an extension point; similar to Servlet filters
  - SSL support via SSLFilter thanks to Java 5 SSLEngine
  - Thread pools are implemented as filters so that users can customize thread model.
- Unit testability using mock objects
- JMX managability
- Traffic throttling
- Overload shielding
- Integration with well known containers such as PicoContainer and Spring
- Smooth migration from Netty, a popular NIO framework.

Changes since 1.0.1 (please refer [here](#) for detailed information.)

- Better memory utilization
- More than 10 bug fixes

The Apache MINA project team is always open for your feedback. Please let us know what you think about MINA via our [mailing list](#).

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[-- The Apache MINA Project](#)

**Note:**

Apache MINA -- Posted by [Tetsuya Kitahata](#) at [2007-02-21T06:33:02](#)