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# Net4j Signalling Platform

## 2.0 Release Review

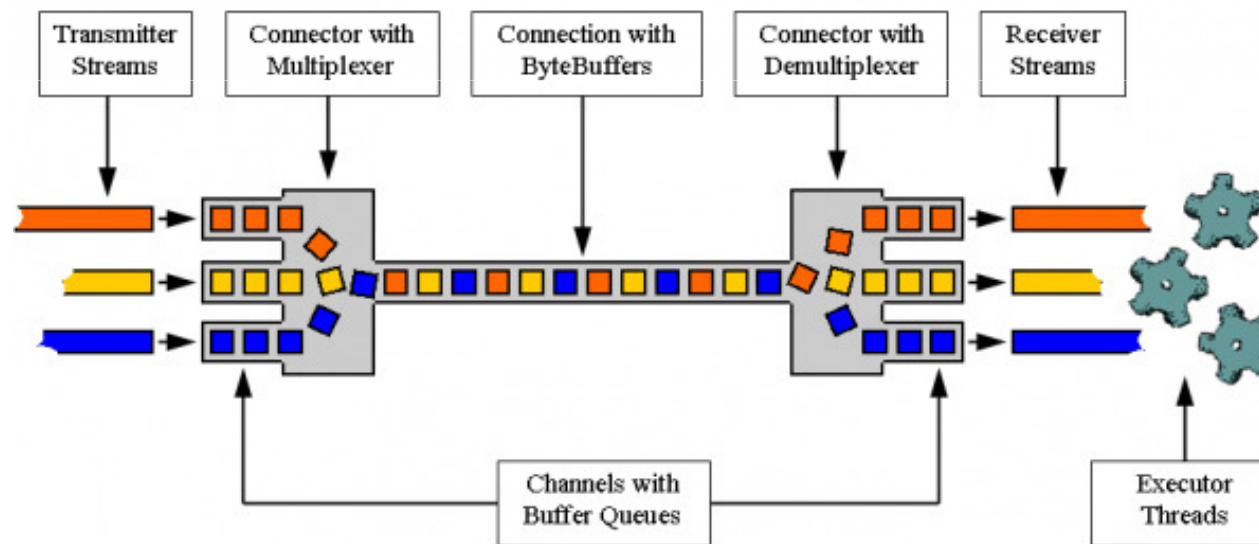
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**Planned Review Date:** June 10th, 2009  
**Project Newsgroup:** [eclipse.tools.emf](mailto:eclipse.tools.emf)

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# Introduction

The Net4j Signalling platform is an extensible client/server communications framework. Net4j eases the development of fast and maintainable application protocols that are independent of the physical transport medium. Transport protocols are pluggable and Net4j ships with support for TCP, HTTP and in-memory transport. The core of Net4j is a fast, asynchronous and non-blocking buffer multiplexing kernel, based on OSGi but also executable stand-alone.



Project URL: <http://wiki.eclipse.org/Net4j>

# Major New Features in 2.0

- § **IPluginContainer independent of OSGi**
- § **Provide a HeartBeatPotocol**
- § **Easier configuration of authentication**
- § **Improved exception handling**
- § **Proper RemoteExceptions**
- § **Connector.openChannel with configurable timeout**
- § **Asynchronous progress monitoring over the network**
- § **IP address available during negotiation**
- § **Hsqldb database supported**
- § **Postgresql database supported**
- § **H2 database supported**



New features:  
28 total

# *Other Release Highlights*

## § **Quality of APIs**

- § 2.0 API is partly incompatible with 1.0
- § API Toling has been used consequently

## § **End of Life**

- § None

## § **IP**

- § IP Log URL:  
<http://www.eclipse.org/modeling/emf/net4j/project-info/eclipse-project-ip-log.csv>
- § No issues

## § **Committer Diversity**

- § 7 committers from 7 different companies
- § Several additions to the team are pending

# Project Activity Since 1.0

## § **Bugzilla**

§ 28 of 42 enhancements done (10 left open)

§ 13 of 20 bugs fixed (4 left open)

## § **CVS**

§ 44187 changed lines of code committed (incl. CDO)

## § **Communication**

§ More than 120 newsgroup posts

§ Talk at EclipseCon, several demo camps

§ Several magazine articles

# *Schedule*

## § **Galileo**

- § All release train schedules were met
- § Weekly integration builds on modeling update site

## § **Ganymede**

- § 9 maintenance builds were delivered
- § Including SR1 and SR2

## § **Plan URL**

- § <http://www.eclipse.org/projects/project-plan.php?planurl=http://www.eclipse.org/modeling/emf/net4j/project-info/plan.xml&component=Net4j+Signalling+Platform>