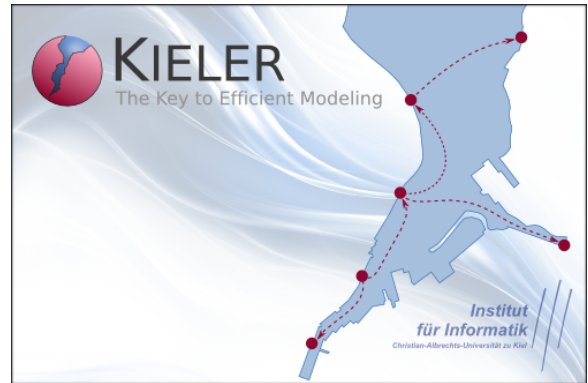


# Downloads

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All download packages available on this page are subject to the [Eclipse Public License \(EPL\)](#). **Further licenses may apply** to bundled components as noted at the [bottom](#) of this page.

## Standalone Applications

### SCCharts Editor and Compiler

The [KIELER SCCharts](#) Product includes the SCCharts editor and compiler.

#### Release 1.0.0

KIELER SCCharts Product v. 1.0 (2019-04-15, based on Eclipse 4.8 Photon). Available platforms:

- Linux: [x86 32bit](#) or [x86 64bit](#)
- Mac OS X: [x86 64bit](#)
- Windows: [x86 32bit](#) or [x86 64bit](#)

#### Nightly Builds

- <https://rtsys.informatik.uni-kiel.de/~kieler/files/nightly/sccharts/>

### Kieler Compiler Command-Line Interface

The KIELER Compiler CLI is new and **experimental** tool for compiling with KIELER. It is currently **only available as a nightly build**.

- <https://rtsys.informatik.uni-kiel.de/~kieler/files/nightly/sccharts/cli/>

There are two variants available:

- **kico** is a full-featured compiler supporting all languages and compilation systems available in KIELER.
- **scc** is a lean variant only for basic SCCharts compilation, it supports only *sctx* input and ships with basic code generation systems.

There is a version of each variant built for each major operating system (linux, osx, win). You can also download both variants as a platform independent executable jar archive.

The executable requires Java 9+ in its default version. If you use Java 8, please download the version with the \*Java8 suffix.

`kico --help` will print usage information.

### Ptolemy Browser

The KIELER Ptolemy Browser is a special light-weight stand-alone distribution of our Ptolemy Browser feature. Simply download the version appropriate to your platform and start browsing!

#### Release

KIELER Ptolemy Browser v. 2016-02. [Download from here!](#)

## Nightly Builds

- <http://rtsys.informatik.uni-kiel.de/~kieler/files/nightly/ptolemybrowser/>

# Eclipse Update Sites

## Pragmatics Update Site

Install the KIELER features into your own Eclipse installation.

### Release

- Always up-to-date update site: [Compound Update Site](#)
- Release-specific update site: [Pragmatics v. 2018-06.U1 Update Site](#)
- [Zipped update site](#)

### Nightly Build

- [Pragmatics Nightly Build Update Site](#)
- [Zipped update site](#)

## Semantics Update Site

Install nightly builds of the KIELER features into your own Eclipse installation.

### Release

- [KIELER Semantics 1.0](#)

### Nightly Build

- <http://rtsys.informatik.uni-kiel.de/~kieler/updatesite/nightly/semantics/>

## OpenKieler Update Site

Install the [OpenKieler](#) features into your own Eclipse 4.3 installation. OpenKieler only has a nightly build that is usually based on the latest Pragmatics release.

### Nightly Build

- <http://rtsys.informatik.uni-kiel.de/~kieler/updatesite/nightly-openkieler/>

## Source Code

Clone our [Git Repositories on Stash](#) for direct source code access.

## Licenses

KIELER software is made available under the [Eclipse Public License](#), except for some integrated third-party components. KIELER can be used independently from OGDF, Libavoid, and Ptolemy, but depends on the Google Guava library.

- The [OGDF](#) library is a collection of powerful layout algorithms.  
[GNU General Public License](#)
- The [Adaptagrams](#) project of the Monash University.  
[GNU Lesser General Public License](#)
- The [Google Code](#) libraries provide utility classes used throughout KIELER.  
[Apache License](#)
- [Ptolemy II](#) is used as a simulation engine and for importing Ptolemy models.  
[Berkeley Software Distribution License](#)
- The [FreeHEP](#) library allows us to export vector graphics.  
[GNU Lesser General Public License](#)

## Requirements

- [Java Runtime Environment](#), version 1.8 or greater.