

KNIME Extensions Guide

KNIME AG, Zurich, Switzerland
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Extensions provide additional functionality such as **access to and processing of complex data types**, as well as the use of **advanced algorithms**.

Extensions are provided by several groups.

- KNIME provides KNIME Extensions and also KNIME Labs Extensions. KNIME Labs Extensions come straight out of our labs, offering cutting-edge functionalities, but might not be finalized yet.
- Partners provide extensions which might require an additional (commercial) license or which are licensed under a non-open source license.
- Our community provides Trusted and Experimental Extensions. Trusted Extensions are fulfilling **stricter requirements**, thus the update site for Experimental Extensions is disabled by default.



The **Extension Installation Guide** explains how to install extensions.



Check which **Update Sites** are currently enabled in your installation. By default every update site is enabled except for **Community Extensions (Experimental) update site**.

KNIME Extensions

Open source KNIME Extensions are developed and maintained by KNIME. On our **KNIME Extensions** page you can see what functionalities to expect, whereas on **KNIME Community Hub: KNIME Extensions** you can see the list of all extensions developed by KNIME.



KNIME Labs Extensions are new extensions coming straight out of our lab whose functionality may not yet be finalized.

Community Extensions

KNIME Community Extensions include functionality specific to various industries and domains such as chemo- and bioinformatics, and image processing.

Some of the Community Extensions are **Trusted Community Extensions**. These Extensions have been tested for backward compatibility and compliance with the KNIME usage model and quality standards. These Trusted Community Extensions are on the KNIME Community Extensions (Trusted) update site, which is enabled by default in *Available Software Sites*

(click *Preferences* to open the *Preferences* dialog → *Install/Update* → *Available Software Sites*).

The stringent requirements for Trusted Community Extensions are not necessarily fulfilled by the **Experimental Community Extensions**, which come directly from the labs of our community developers. Find them on the Community Extensions (Experimental) update site, which is included (but not enabled!) in the Available Software Sites by default.



The Community Extensions (Experimental) update site is disabled by default. To install these Extensions, you have to enable the update site in the *Available Software Sites* dialog.

Update Sites for Community Extensions

As update sites you can either use the ones already stored or you use zipped update sites (e.g. because you are sitting behind a proxy). Here is an overview over the two latest update sites and the most current zipped update site for Trusted and Experimental Extensions as well as the oldest ones available. You can also construct the links of versions between them by replacing them with the corresponding KNIME Analytics Platform version.

KNIME Community Extensions (Trusted)

KNIME Analytics Platform Version	Update site link (not browsable, only to be used within KNIME Analytics Platform)	Zipped update site
5.5	https://update.knime.com/community-contributions/trusted/5.5	Zip File for 5.5
5.4	https://update.knime.com/community-contributions/trusted/5.4	Zip File for 5.4
5.2	https://update.knime.com/community-contributions/trusted/5.2	Zip File for 5.2
5.1	https://update.knime.com/community-contributions/trusted/5.1	Zip File for 5.1
4.7	https://update.knime.com/community-contributions/trusted/4.7	Zip File for 4.7

KNIME Community Extensions (Experimental)

KNIME Analytics Platform Version	Update site link (not browsable, only to be used within KNIME Analytics Platform)	Zipped update site
5.5	https://update.knime.com/community-contributions/5.5	Zip File for 5.5
5.4	https://update.knime.com/community-contributions/5.4	Zip File for 5.4
5.2	https://update.knime.com/community-contributions/5.2	Zip File for 5.2
5.1	https://update.knime.com/community-contributions/5.1	Zip File for 5.1
4.7	https://update.knime.com/community-contributions/4.7	Zip File for 4.7

Nightly Builds - only relevant for Community Developers

The nightly builds update site needs to be added manually to the list of Available Update Sites.

```
https://update.knime.com/community-contributions/trunk
```



KNIME does not take any responsibility for extensions provided by the community.

Partner Extensions

Partner extensions provide **additional capabilities offered and maintained by our partners**. They range from industry specific functionality to scientific software integrations. Some of the extensions are free, others require a license. These extensions are on the KNIME Partner Extensions Update Site, which is enabled by default.

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