

geWorkbench

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At a Glance Details

- Version Number and Release Date: 2.6.0.3 December 2016
- Primary audience: Biomedical research practitioners
- Grid Enabled? Yes (5 analytical services)
- Compatibility Level: Silver
- Installation Level: Basic - Wizard or web browser application; minimal technical assistance required
- System Requirements: Refer to the [System Requirements](#) section.

CBIIT and NCIP Links

- [CBIIT website](#)
- [NCIP landing page](#)
- [NCI Biomedical Informatics Blog](#)
- [NCIP on Twitter @NCI_NCIP](#)

Tool Overview



geWorkbench is a platform for integrated genomics, offering strong capabilities in the analysis and visualization of gene expression, sequence, and protein structure data. It offers direct access to numerous external data sources, including **bioDBNet**, and **BioCarta**, as well as to sequence, molecular interaction, and structural databases. Written in Java for use on the desktop, geWorkbench is open-source and cross-platform, and has an extensible, component-based architecture. geWorkbench is supported by an active development effort.

Installation and Downloads

Downloads

- [Download, Install or Upgrade geWorkbench](#)
- [geWorkbench plugins](#)
- [Bcell-100 Sample Data](#)

System Requirements

geWorkbench is a desktop application providing access to remote data and analysis services. geWorkbench is downloaded as a self-installing package or as Zip archives with support for Windows, Linux and Mac OS X. To achieve reasonable performance when using realistic data sets, a system configuration with at least 4 GB of RAM is recommended.

Support for geWorkbench

- [geWorkbench Bug and Feature Report tracked @ Mantis](#)

(Columbia University)
- [Application Support](#)

What's New

For news and events, visit [What's new for geWorkbench](#).

Presentations, Demos and Other Materials

- [geWorkbench overview at the AACR 2011 Annual Meeting](#)
- [geWorkbench Brochures](#)

Documentation and Training

- [User tutorials](#)

- [Sample Screenshots](#)

- [geWorkbench Training Manual](#)

- [geWorkbench Project Site](#)

- [Installation Requirements](#)

- [Installation FAQ](#)

- [geWorkbench Known issues](#)

- [Developer's Page](#)


geWorkbench Knowledge Base

Visit [geWorkbench FAQ](#) and [In-depth Articles](#) to find the answers to the most frequently asked questions and develop understanding of how geWorkbench works.

Visit [geWorkbench Demos](#) for an in-depth look at operation of geWorkbench.

Refer to [geWorkbench Biological Scenarios](#) to see geWorkbench in action and how to apply geWorkbench to your real biological scenarios.

If you still don't know if geWorkbench is for you, review the [Case studies](#) to see examples of how geWorkbench could be used in different scenarios.

Refer to [geWorkbench Citations](#) for a list of articles about geWorkbench.

Open-source development

- [Link to geWorkbench Open Development Code Base \(gitub\)](#)

- [geWorkbench developer's corner](#)
