Status

- Mature release
- Development: inactive
- Support: active

Resources

- Home page
- Download

About WebGBrowse

The Generic Genome Browser (GBrowse) is one of the most widely used visualization tools for sequence display characterized by a rich set of utilities helpful in presenting a variety of genome features pertaining to a reference sequence. Despite the tool being meant for easy use by the biologists, the administration of GBrowse can become tedious, particularly for those without adequate computational resources. Moreover, there is no exhaustive, accurate, "GBrowse user's perspective" based reference available for the various glyphs useful in building the feature tracks on GBrowse, thus adding to the complexities involved in configuration.

WebGBrowse guides the users through the process of configuring the GFF3 datasets for GBrowse display. It presents the user with a "Glyph Library" comprising of around 40 different glyphs to choose from. It generates the configuration data by collecting the user's input through an organized, step-by-step process guided by the configurable parameter information available in the glyph library. A summary information on all the available glyphs can be viewed at the glyph library page. A pre-installed GBrowse instance allows the users to preview/load their datasets with desired configuration in GBrowse without requiring them to prepare any computer hardware, install any software or learn sophisticated GBrowse configuration rules for feature display.

In other words, WebGBrowse addresses most of the intricacies involved in GBrowse administration, so that even a computer non-savvy biologist can configure his GFF dataset without worrying about GBrowse software installation or GBrowse configuration semantics.

WebGBrowse can be downloaded and installed locally, or you can use the WebGBrowse at CGB.

Visit the WebGBrowse website.

Screenshots

Add new track dialog in WebGBrowse

Downloads

- Download WebGBrowse: http://webgbrowse.cgb.indiana.edu/webgbrowse/software.html
- Latest release from CGB or latest development version from SourceForge.

Using WebGBrowse

Documentation

Information on WebGBrowse is available in several places:

- User Tutorial - this is an extensive user guide for WebGBrowse
- GBrowse Glyph Library - shows what all those GBrowse glyphs look like.
- FAQ - Frequently asked questions for WebGBrowse.

Publications, Tutorials, and Presentations

Publications on or mentioning WebGBrowse

PMID:19357095

Tutorials

WebGBrowse Tutorial
An extensive user guide and tutorial

Contacts and Mailing Lists

	Mailing List Link	Description	Archive(s)
WebGBrowse	gmod-webgbrowse	Questions, announcements, and development postings about the **WebGBrowse** front end to GBrowse configuration.	Nabble, Sourceforge

WebGBrowse Development

Development team

WebGBrowse was developed at Indiana University's Center for Genomics and Bioinformatics.

More on WebGBrowse

Raw tool data at WebGBrowse/tool data