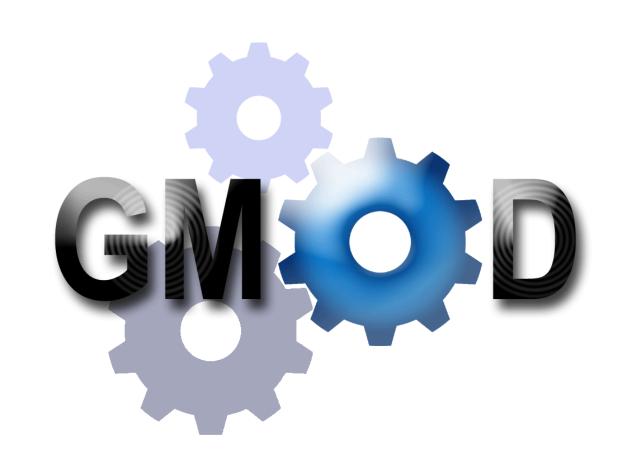
Browse 2.20



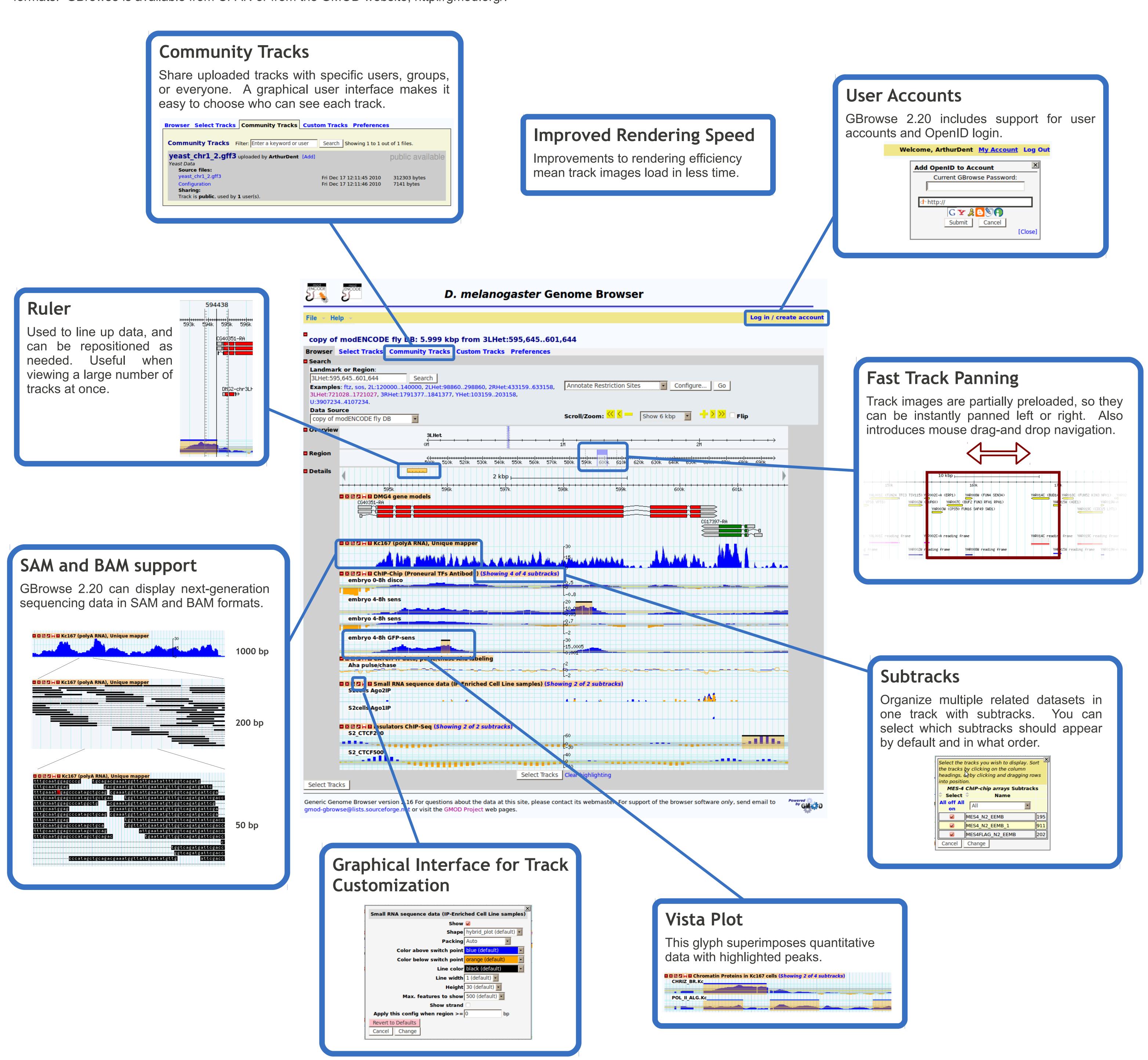
Fast, Friendly and Sociable

Anthony deCatanzaro¹, Christopher Vandevelde¹, Peter Ruzanov², Ian Davies¹, Scott Cain², Lincoln Stein²

¹University of Waterloo, Waterloo, ON, Canada ²Ontario Institute for Cancer Research, Toronto, ON, Canada

The Generic Genome Browser (GBrowse) is a free, open source, web-based browser for displaying and navigating genome features. It is part of the Generic Model Organism Database (GMOD) project which aims to provide reusable components for working with genomic data, and is in use by hundreds of organizations around the world. Since January 2010, GBrowse has averaged over 200 reported installations each month, and has been used to represent the genomes of over 150 diverse species. GBrowse has been used to visualize very large data sets, including modENCODE (http://www.modencode.org/) which features more than 1300 data tracks.

GBrowse version 2.20 adds numerous improvements to both the user interface and the back end architecture. User interface improvements include the ability to share tracks with the public or selected individuals, the ability to organize tracks into subtracks, instantaneous side-to-side track-panning, extensive support for customizing public and private tracks using a graphical interface, and a general interface to download data from any track in the most suitable format. Back end improvements include VISTA plot support for ChIP-chip and ChIP-seq display, faster track rendering, stable user accounts using passwords or OpenID, an upload manager that allows tracks to be shared selectively or publicly, and the ability to display next generation sequencing data in SAM or BAM formats. GBrowse is available from CPAN or from the GMOD website, http://gmod.org/.



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