

# Software: Genome Browsers, EtherCalc and Curl

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- [Best Free Web Based Genome Browsers](#) [2]

In the fields of molecular biology and genetics, a genome is the genetic material of an organism. It consists of DNA (or RNA in RNA viruses). Each genome contains all of the information needed to build and maintain that organism. In humans, a copy of the entire genome?more than 3 billion DNA base pairs?is contained in all cells that have a nucleus. The study of the genome is called genomics.

In bioinformatics, a genome browser is a graphical interface for display of information from a biological database for genomic data. They are important tools for studying genomes given the vast amounts of data available. They typically load very large files, such as whole genome FASTA files and display them in a way that users can make sense of the information there. They can be used to visualize a variety of different data types.

Genome browsers enable researchers to visualize and browse entire genomes with annotated data including gene prediction and structure, proteins, expression, regulation, variation, comparative analysis, etc. They use a visual, high-level overview of complex data in a form that can be grasped at a glance and provide the means to explore the data in increasing resolution from megabase scales down to the level of individual elements of the DNA sequence.

There?s a wide range of web based genome browsers. We?re going to restrict our selection to the top 4.

- [Get going with EtherCalc, a web-based alternative to Google Sheets](#) [3]

EtherCalc is an open source spreadsheet that makes it easy to work remotely and collaborate

with others.



[Daniel Stenberg: curl 7.65.2 fixes even more](#) [4]

Six weeks after our previous bug-fix release, we ship a second release in a row with nothing but bug-fixes. We call it 7.65.2. We decided to go through this full release cycle with a focus on fixing bugs (and not merge any new features) since even after 7.65.1 shipped as a bug-fix only release we still seemed to get reports indicating problems we wanted fixed once and for all.

Download curl from [curl.haxx.se](http://curl.haxx.se) as always!

Also, I personally had a vacation already planned to happen during this period (and I did) so it worked out pretty good to take this cycle as a slightly calmer one.

Of the numbers below, we can especially celebrate that we've now received code commits by more than 700 persons!

## [Software](#)

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**Source URL:** <http://www.tuxmachines.org/node/125995>

### **Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/38>

[2] <https://www.linuxlinks.com/best-free-web-based-genome-browsers/>

[3] <https://opensource.com/article/19/7/get-going-ethercalc>

[4] <https://daniel.haxx.se/blog/2019/07/17/curl-7-65-2-fixes-even-more/>