Installation

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OpenCGA vs IVA

OpenCGA is an open-source project that aims to provide a Big Data storage engine and analysis framework for genomic scale data analysis of hundreds of terabytes or even petabytes. OpenCGA provides a scalable and high-performance Storage Engine framework to index biological data such as BAM or VCF files using different NoSQL databases. A metadata Catalog has been also developed to provide authentication and ACLs and to keep track all of files and sample annotation. All these can be queried through a comprehensive RESTful web services API or using the command line interface.

To set up OpenCGA, Please go to Installation.

IVA is a generic Interactive Variant Analysis browser that can be used for the visualization of biological information from various data sources. IVA queries OpenCGA server through web services and serves as a visualization tool.

Getting IVA

IVA can be set up either by downloading build.tar from every stable release of IVA which can be found in https://github.com/opencb/iva/releases or by building it from scratch and then copying the build content into a web server like **Apache HTTP Server**.

Install

You can copy build content to a web server such as **Apache HTTP Server** and open your favourite internet browser to open IVA.