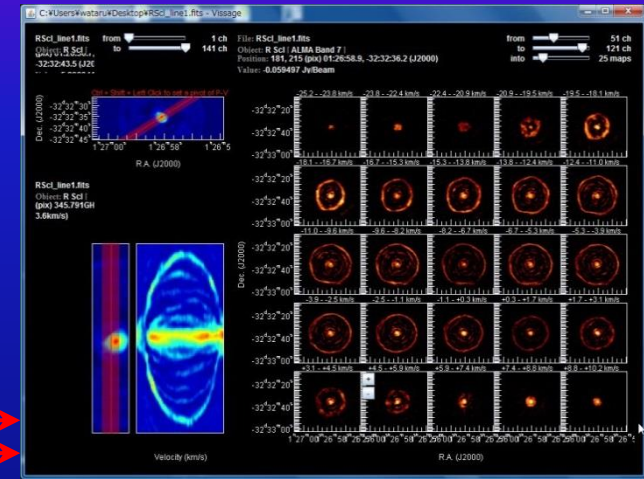
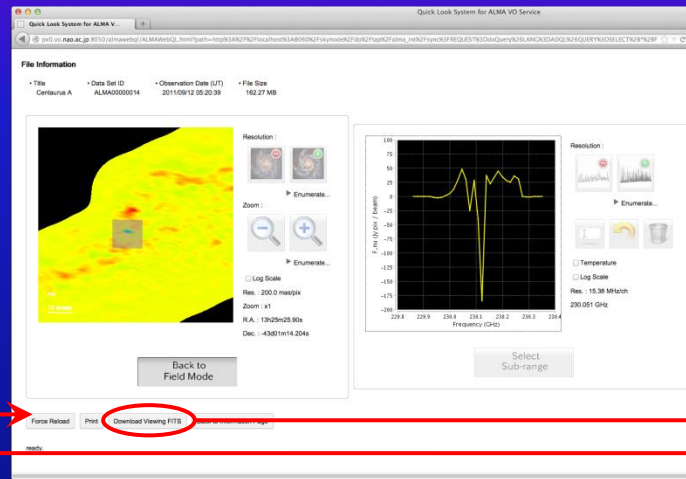
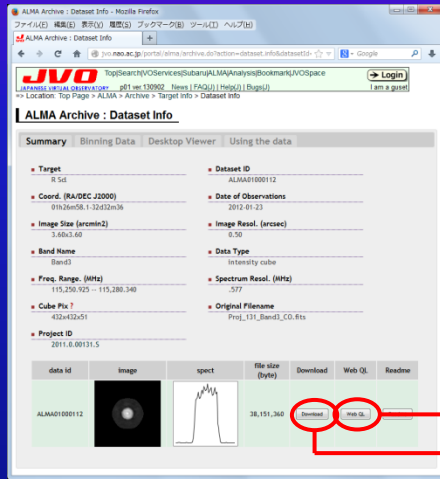


Demonstration of a Data Distribution System for ALMA Data Cubes

The ALMA is the world's largest radio telescope in Chile. As a part of JVO system, we have been constructing a data service to distribute ALMA data, which are three or four dimensional cubes and expected to exceed 2 TB in total size. Users can easily visualize and cut out those data cubes by using [ALMAWebQL](#) on their web browser. Once the FITS files are downloaded via ALMAWebQL, one can visualize them in more detail using [Vissage](#), a Java based FITS cube browser.



JVO portal

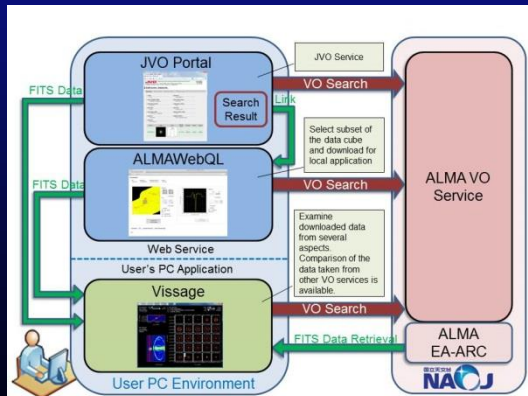
- Invoke the ALMAWebQL
- Download FITS

ALMA Web QL

- Web application which enables a user to cutout a part of data cube with the help of its visualization capability.

Vissage (Desktop Viewer)

- Desktop application for visualizing the data cube in various modes.



Please refer to the following URL for details of this system.

- <http://jvo.nao.ac.jp/portal/alma>
- <http://jvo.nao.ac.jp/download/Vissage>
- <http://jvo.nao.ac.jp/news/alma-vo/index.html>

Questions and Comments : help_desk@jvo.nao.ac.jp