

[DOC] Data access

The main access point to Cytomine data is its REST API.

It allows to import/export data from Cytomine-Core and Cytomine-IMS using RESTful web services e.g. to generate annotation (spatial) statistics, create regions of interest (e.g. tumor masks), add metadata to images/annotations, apply algorithms on image tiles, ...

The API documentation is automatically installed with our automated installation procedure. For the demo server, it is located here: http://demo.cytomine.be/restApiDoc/?doc_url=http://demo.cytomine.be/restApiDoc/api

This section includes:

- The [main concepts/packages](#) (data model) page that gives a complete overview of the data stored in databases
- **A complete description of the REST API documentation to access data.**
- Instructions to [install the Java client](#).
- Instructions to [install the Python client](#).
- Various [data access code examples](#) (simple Python scripts to upload (multidimensional) images, access tiles, get annotations, ...)