

# [DOC] Public Development



Welcome to the development documentation space!



This section is dedicated to software developers who want to understand the Cytomine architecture and contribute to its components (database, image server, web services, ...) while the [computer /data scientists section](#) is dedicated to people who wants to import/export data and add new algorithms.

You will find here instructions about the software architecture, the development tools, coding rules, ...

## If you are new...

As a new Cytomine developer:

1. Get familiar with the general concepts of the main technologies used in Cytomine (Java, Groovy, Grails, PostgreSQL, Github, JS, Backbones.js ...), see the [resources page](#),
2. Take a look at the [Global Architecture](#) documentation to understand main Cytomine components and paradigms,
3. Follow the basic steps to [install a development environment](#) and read about our [recommended development tools](#) and [development guides](#).
4. A quick look at the [Main concepts/Packages](#) may help you to have an overall view of the server source code (main ressources/domains, ...),
5. You may then try to [add a new resource type/concept in Cytomine](#) core !

When you are ready to develop, you should take a look at:

- [Browser support note](#) to deals with browser support (IE&co),
- [Security guide](#) to understand and build secure service with secure data,

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