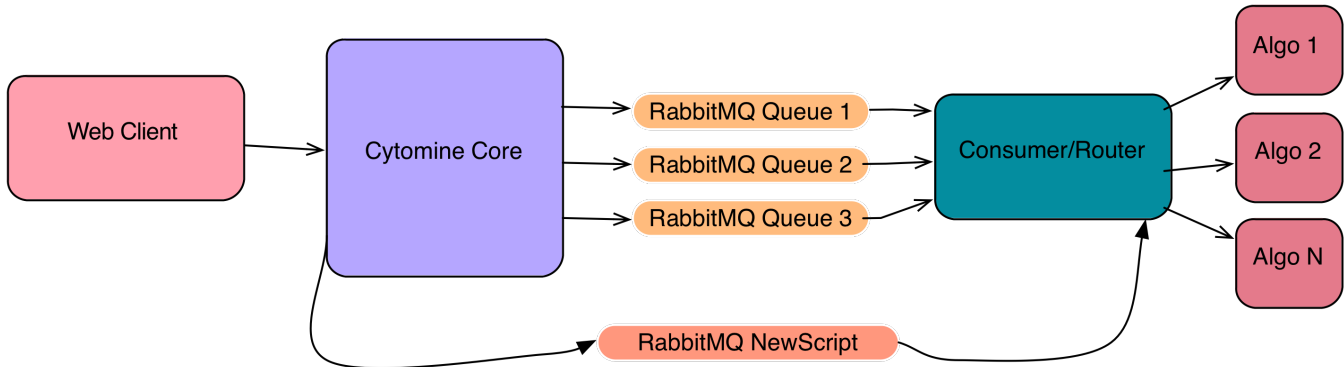


[DEPRECATED] Part 10: Software router

Software router and scripts

The software router is a Groovy project that focuses on getting messages from a RabbitMQ server and launching scripts written for Cytomine.

Global architecture



When you add a new software (see : [\[DEPRECATED\] Guide: Adding a new software \(and make it executable from Cytomine-WebUI\)](#)), a message is sent to the **RabbitMQ NewScript** queue. This notifies the **Router** that a new software (or algorithm) has been added to the Cytomine Core. After that, a new queue is created (**RabbitMQ Queue MySoftware**) and the Router starts a new thread to listen on that new queue.

When you want to start a software from the web interface, a message is sent to the software queue. This message is then read by the Router and a new thread finally launches the software.