This is step by step simplified tutorial on how to install RabbitMQ on Windows machine.

For using RabbitMQ inside docker container see [here](https://alex-ber.medium.com/rabbitmq-inside-docker-container-8b8bfea22174).

*Note:* There is assumption that you’re using [Erlang](https://en.wikipedia.org/wiki/Erlang_(programming_language)) only for RabbitMQ and for nothing else.

* If you have old RabbitMQ installed, first of all export it’s setting from the management UI:

A white rectangular object with black lines

Description automatically generated with medium confidence

After you login scroll down and click on “Download Broker definition” and download file.

After you will finish installation of new version of RabbitMQ click on “Upload Broker definitions” and upload the file.

* · Uninstall [Erlang](https://en.wikipedia.org/wiki/Erlang_(programming_language))

A screenshot of a computer

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The Erlang [programming language](https://en.wikipedia.org/wiki/Programming_language) has [immutable](https://en.wikipedia.org/wiki/Immutable_object) data, [pattern matching](https://en.wikipedia.org/wiki/Pattern_matching), and [functional programming](https://en.wikipedia.org/wiki/Functional_programming)

* Uninstall RabbitMQ

1. From [https://erlang.org/download/otp\_versions\_tree.html download 23.x](https://erlang.org/download/otp_versions_tree.html%20download%2023.x) version & install using an **administrative user** <https://github.com/erlang/otp/releases/download/OTP-23.1.5/otp_win64_23.1.5.exe>

2. Set ERLANG\_HOME to where you actually put your Erlang installation, e.g. C:\Program Files\erl{version} (full path, we have version=23.1.5). The RabbitMQ batch files expect to execute %ERLANG\_HOME%\bin\erl.exe.

Go to Start > Settings > Control Panel > System > Advanced > Environment Variables. Create the system environment variable ERLANG\_HOME and set it to the full path of the directory which contains bin\erl.exe.

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3. Restart computer

4. Check that Erlang is working:

* open cmd and type

“%ERLANG\_HOME%\bin\erl.exe”  
  
You should see Eshell prompt:

A screenshot of a computer program

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5. Once a supported version of Erlang is installed, download the RabbitMQ installer, rabbitmq-server-{version}.exe and run it. It installs RabbitMQ as a Windows service and starts it using the default configuration.  
  
Go to <https://www.rabbitmq.com/install-windows.html> and download & run [rabbitmq-server-3.8.9.exe](https://github.com/rabbitmq/rabbitmq-server/releases/download/v3.8.9/rabbitmq-server-3.8.9.exe)

See also:

<https://www.rabbitmq.com/install-windows-manual.html>

6. Based on <https://medium.com/@kiranbs890/rabbitmq-setup-on-local-machine-windows-958bada6003c>

Open new cmd and type  
cd C:\Program Files\RabbitMQ Server\rabbitmq\_server-{version}\sbin

*cd C:\Program Files\RabbitMQ Server\rabbitmq\_server-3.8.9\sbin*

*rabbitmq-plugins.bat enable rabbitmq\_management*

You should see

A computer screen with white text

Description automatically generated

Type

*rabbitmq-plugins enable rabbitmq\_shovel rabbitmq\_shovel\_management*

You should see

A computer screen with white text

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7. Edit *C:\Windows\System32\drivers\etc\hosts* file. Add to it the following line:

127.0.0.1 rabbitmq

8. Once all done open : [http://rabbitmq:15672/](http://rabbitmq:15672/%C2%A0)for opening the rabbitmq management.

A close-up of a computer screen

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Username: guest

Password: guest

For the client code that works with installed RabbitMQ you can go to <https://alex-ber.medium.com/rabbitmq-inside-docker-container-8b8bfea22174> to the **Code Example** section. The same code will work with installed RabbitMQ provided you have added 127.0.0.1 rabbitmq to the *C:\Windows\System32\drivers\etc\hosts*file (alternatively, you can change hostparameter of the ConnectionParameters to localhost).