**RabbitMQ** — Messaging that just works

by **Pivotal**™

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Search RabbitMQ

These tutorials cover the basics of creating messaging applications using RabbitMQ. You need to have the RabbitMQ server installed to go through the tutorials – please see the **installation guide.**

### 1 "Hello World!"

The simplest thing that does *something*
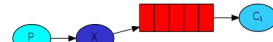


Python | Java | Ruby | PHP | C#

### 2 Work queues

Distributing tasks among workers



Python | Java | Ruby | PHP | C#

### 3 Publish/Subscribe

Sending messages to many consumers at once



Python | Java | Ruby | PHP | C#

### 4 Routing

Receiving messages selectively



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### 5 Topics

Receiving messages based on a pattern



Python | Java | Ruby | PHP | C#

### 6 RPC

Remote procedure call implementation



Python | Java | Ruby | PHP | C#

## Tutorials in other languages

The tutorials here use Python, Java, Ruby, PHP and C#, however, the tutorial code examples are available for a variety of languages and client libraries:

- **C#** (using **.net/c# client**)
- **clojure** (using **Langohr**)
- **erlang** (using **erlang client**)
- **java** (using **java client**)
- **javascript/node.js** (using **amqp.node**)
- **perl** (using **Net::RabbitFoot**)
- **python** (using **pika**)
- **python-puka** (using **puka**)
- **ruby** (using **Bunny**)
- **ruby** (using **amqp gem**)

We also maintain a list of **tutorials** and a list of **clients and developer tools** for a range of platforms, which you may find useful.

## Further reading

Once you have been through the tutorials (or if you want to skip ahead), you may wish to read an **Introduction to AMQP Concepts** and browse our **AMQP Quick Reference Guide**.

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