Microservice

**Definition**

It is a service which is available at any time that a consumer intends to connect onto it. This service may provide for example:

* Confidential data
* Data
* Data structure or interface
* Object serialized
* Trigger other processes which run in a background over another CPU or new thread
* Etc.

It is useful to use a microservice if you need to separate the back-end from front-end work and you need to make a quick task on the server side.

**Additional usage**

A microservice generally provides a data source. Anyway, you could use it for other purposes like:

* A layer which decides to call another specific microservice among other ones. This could be useful if you don't want to put all together into a single microservice.
* Calling an application which was built up into a different technology such as C++, Ruby, Java, Go, so on. Then, your microservice gets either the output or result from the application execution.
* Being used like a key to open/close a gate to another program like:
  + software architecture
  + software system
  + security system
  + scheduled process
  + automatic process
  + etc.