

Stub

Stub Component

Available as of Camel 2.10

The **stub:** component provides a simple way to stub out any physical endpoints while in development or testing, allowing you for example to run a route without needing to actually connect to a specific [SMTP](#) or [Http](#) endpoint. Just add **stub:** in front of any endpoint URI to stub out the endpoint.

Internally the Stub component creates [VM](#) endpoints. The main difference between [Stub](#) and [VM](#) is that [VM](#) will validate the URI and parameters you give it, so putting vm: in front of a typical URI with query arguments will usually fail. Stub won't though, as it basically ignores all query parameters to let you quickly stub out one or more endpoints in your route temporarily.

URI format

```
stub:someUri
```

Where `someUri` can be any URI with any query parameters.

Examples

Here are a few samples:

- `stub:smtp://somehost.foo.com?user=whatnot&something=else`
- `stub:http://somehost.bar.com/something`

See Also

- [Configuring Camel](#)
- [Component](#)
- [Endpoint](#)
- [Getting Started](#)