FTP Example

FTP Example

Available as of Camel 2.11

This example is located in the `examples/camel-example-ftp` directory of the Camel distribution.
There is a `README.txt` file with instructions how to run it.

About

This example demonstrates how Camel can upload and download files to/from an existing FTP server.

Prerequisites

An existing FTP server should be running.

Implementation

This example is implemented in Java code, and there is a client and a server application.

The client is used for uploading files from the local file system (from target/upload) to the FTP server.
The server is used for downloading files from the FTP server to the local file system (to target/download).

You can see the Java implementation by opening the `src/main/java/org/apache/camel/example/ftp/MyFtpClientRouteBuilder.java` for
the client Java route.
And the server example is implemented in the `src/main/java/org/apache/camel/example/ftp/MyFtpClientRouteBuilder.java` file.

Running the example

You would need to configure the location and credential for the FTP server. This is done by editing the `src/main/resources/ftp.properties` file.
Byt default it connects to a non existing domain name, which you therefore **must** change.

Then you can either run the example as client or server by running from command line with Maven

```
mvn compile exec:java -Pclient
```

Or for the server

```
mvn compile exec:java -Pserver
```

Instructions is also printed to the console. And you can use ctrl + c to stop the Camel application.

> ✅ If you encounter any problems you can enable verbose logging by following the instructions in the `src/main/resources/log4j.properties` file.

See Also

* Examples
* FTP