

# DSL

## DSL

Camel uses a Java *Domain Specific Language* or DSL for creating [Enterprise Integration Patterns](#) or [Routes](#) in a variety of domain-specific languages (DSL) as listed below.

- [Java DSL](#) - A Java based DSL using the fluent builder style.
- [Spring XML](#) - A XML based DSL in Spring XML files
- [Blueprint XML](#) - A XML based DSL in OSGi Blueprint XML files
- [Rest DSL](#) - A DSL to define REST services using a REST style in either Java or XML.
- [Groovy DSL](#) - A Groovy based DSL using Groovy programming language
- [Scala DSL](#) - A Scala based DSL using Scala programming language
- [Annotation DSL](#) - Use annotations in Java beans.
- [Kotlin DSL](#) - **Work in progress** - Currently developed outside ASF, but will be included later in Camel when Kotlin and the DSL is ready.

The main entry points for the DSL are

- [CamelContext](#) for creating a Camel routing rulebase
- [RouteBuilder](#) for creating a collection of routes using the routing DSL

## See Also

For more examples of the DSL in action see

- [Enterprise Integration Patterns](#)
- [Examples](#)
- [Routes](#)