

What is a router

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We often talk about that Camel is a mediation and routing framework; so what exactly is a router and what does it do?

Basically a router just consumes [Message](#) exchanges from some [Endpoint](#), then sends them on to some other [Endpoint](#) using some kind of [Enterprise Integration Patterns](#).

For example a router could implement the [Content Based Router](#) pattern, to route from an endpoint to one or more destination endpoints using a [Predicate](#) based on the message content.

Typically a route or router consists of one or more consumers; either an [Event Driven Consumer](#) or a [Polling Consumer](#) or possibly a [Transactional Client](#). Then there are one or more [Processor](#) instances which could send the message to one or more endpoints.