**[swift-idmef-transport](file:///\\\\192.168.56.1\\francois\\projects\\SECEF\\work\\swift-idmef-transport-library\\doc\\html\\IDMEFClient\\)** [Documentation](file:///\\\\192.168.56.1\\francois\\projects\\SECEF\\work\\swift-idmef-transport-library\\doc\\html\\IDMEFClient\\)

## On This Page

1. [Initializers](#initializers)
   * [init(url:​)](#idmefclient.init(url:))
2. [Methods](#methods)
   * [send(message:​)](#idmefclient.send(message:))

# Structure IDMEFClient

public struct IDMEFClient

Client part of the IDMEF transport.

This implementation provides:

* IDMEF message sending over HTTP

## Initializers

### [init(url:​)](#idmefclient.init(url:))

public init(url: String)

Initialize a IDMEFClient.

#### Parameters

| **Name** | **Type** | **Description** |
| --- | --- | --- |
| **url** | String | the URL of the server, for instance "http://127.0.0.1:9999" |

## Methods

### [send(message:​)](#idmefclient.send(message:))

public func send(message: IDMEFObject) -> (response: URLResponse?, error: Error?)

Send a IDMEF message other HTTP using a POST request.

The request is synchronous and the function waits till completion of the request.

#### Parameters

| **Name** | **Type** | **Description** |
| --- | --- | --- |
| **message** | IDMEFObject | the message to send |

#### Returns

the HTTP response and an error (if an error occurred)

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