

## DOCUMENTATION

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## NAVIGATION

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Package: *Generic\_Message\_Structures (generic)*  
• [Goto spec source\\_](#)

## DESCRIPTION

generic  
with package Routers\_Configuration is  
Framework: Uwe R. Zimmer, Australia, 2015

## PACKAGES

**Routers\_Configuration (new [Generic\\_Routers\\_Configuration](#))**  
package Routers\_Configuration is new [Generic\\_Routers\\_Configuration](#) (>);  
**Message\_Strings (new [Generic\\_Bounded\\_Length](#))**  
package Message\_Strings is new [Generic\\_Bounded\\_Length](#) (Max => 80);

## TYPES

### The\_Core\_Message

• [Goto declaration in source\\_](#)  
subtype The\_Core\_Message is [Bounded\\_String](#);

#### References:

[generic\\_message\\_structures.ads:18:12](#) (declaration)  
[generic\\_message\\_structures.ads:22:21](#) (reference)  
[generic\\_message\\_structures.ads:27:21](#) (reference)

### Messages\_Client

• [Goto declaration in source\\_](#)

type Messages\_Client is record  
Destination : [Router\\_Range](#);  
The\_Message : [The\\_Core\\_Message](#);  
end record;

#### References:

[generic\\_message\\_structures.ads:20:9](#) (declaration)  
[generic\\_router.ads:31:44](#) (reference)

### Messages\_Mailbox

• [Goto declaration in source\\_](#)  
type Messages\_Mailbox is record  
Sender : [Router\\_Range](#) := [Router\\_Range](#)'Invalid\_Value;  
The\_Message : [The\\_Core\\_Message](#) := [Message\\_Strings.To\\_Bounded\\_String](#) ("");  
Hop\_Counter : [Natural](#) := 0;  
end record;

#### References:

[generic\\_message\\_structures.ads:25:9](#) (declaration)  
[generic\\_router.ads:32:44](#) (reference)  
[test\\_routers.adb:241:37](#) (reference)

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