

DOCUMENTATION

Table of Contents Class Inheritance Tree

1. --
2. -- Framework: Uwe R. Zimmer, Australia, 2015
3. --
- 4.
5. with Generic Message StructuresTo API docTo spec;
6. with Generic Router LinksTo API docTo specTo body;
7. with Id DispenserTo API docTo specTo body;
- 8.
9. generic
- 10.
11. with package Message/Structures is new Generic Message StructuresTo API docTo spec (<>);
- 12.
13. package Generic RouterTo API docTo body is
- 14.
15. use Message StructuresTo API docTo spec;
16. use Routers ConfigurationTo API docTo spec;
- 17.
18. package Router_Id_Generator is new Id DispenserTo API docTo specTo body (ElementTo API docTo spec => Router RangeTo API docTo spec);
19. use Router_Id_GeneratorTo API docTo spec;
- 20.
21. type Router_Task;
22. type Router_Task_P is access all Router_TaskTo API docTo spec;
- 23.
24. package Router_Link is new Generic Router LinksTo API docTo specTo body (Router_RangeTo API docTo spec, Router_Task_PTo API docTo spec, null);
25. use Router_LinkTo API docTo spec;

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26.
27. task type Router_TaskTo API docTo body (Task_Id : Router_RangeTo API docTo
    spec := Draw_IdTo API docTo specTo body) is
28.
29. entry ConfigureTo API docTo body (Links : Ids_To_LinksTo API docTo
    spec);
30.
31. entry Send_Message (Message : Messages_ClientTo API docTo spec);
32. entry Receive_Message (Message : out Messages_MailboxTo API docTo spec);
33.
34. entry ShutdownTo API docTo body;
35.
36. -- Leave anything above this line as it will be used by the testing
    framework
37. -- to communicate with your router.
38.
39. -- Add one or multiple further entries for inter-router communications
    here
40.
41. end Router_TaskTo API docTo specTo body;
42.
43. end Generic_RouterTo API docTo specTo body;

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