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with Ada.Exceptions;

with Gnoga.Application.Singleton;
with Gnoga.Gui.Window;
with Gnoga.Gui.View;
with Gnoga.Gui.View.Console;
with Gnoga.Gui.View.Grid;
with Gnoga.Gui.View.Docker;
with Gnoga.Gui.View.Card;
with Gnoga.Types.Colors;
with Gnoga.Gui.Element;
with Gnoga.Gui.Element.Common;
use Gnoga.Gui.View.Grid;
use Gnoga.Gui.Element;
use Gnoga.Types.Colors;

procedure hello4 is
  Main_Window      : Gnoga.Gui.Window.Window_Type;
  Main_View        : Gnoga.Gui.View.Grid.Grid_View_Type;
  Basic_View       : Gnoga.Gui.View.View_Type;
  Console_View     : Gnoga.Gui.View.Console.Console_View_Type;
  Grid_view        : Gnoga.Gui.View.Grid.Grid_View_Type;
  Docker_View      : Gnoga.Gui.View.Docker.Docker_View_Type;
  DL, DR, DT, DB, DF : aliased Gnoga.Gui.Element.Common.P_Type;
  Card_View        : Gnoga.Gui.View.Card.Card_View_Type;
  C1, C2           : aliased Gnoga.Gui.Element.Common.P_Type;
  Tabs             : Gnoga.Gui.View.Card.Tab_Type;

begin
  Gnoga.Application.Title ("hello4");
  Gnoga.Application.HTML_On_Close ("<b>Connection to Application has been terminated</b>");

  -- Gnoga.Application.Open_URL ("http://127.0.0.1:8080");
  Gnoga.Application.Singleton.Initialize (Main_Window, Port => 8080);

  Main_View.Create (Main_Window, ((1 => COL), (1 => COL), (1 => COL), (1 => COL), (1 => COL)));

  Basic_View.Create (Main_View.Panel (1, 1).all);
  Basic_View.Background_Color (To_String (Aqua));
  Basic_View.Put_Line ("Hello World! Basic");

  Console_View.Create (Main_View.Panel (2, 1).all);
  Console_View.Background_Color (To_String (Beige));
  Console_View.Put_Line ("Hello World! Console");

  Grid_view.Create (Main_View.Panel (3, 1).all, (1 => (COL, COL)), False);
  Grid_view.Background_Color (To_String (Cyan));
  Grid_view.Panel (1, 1).Background_Color (To_String (Fuchsia));
  Grid_view.Panel (1, 1).Put_Line ("Hello World! Grid 1, 1");
  Grid_view.Panel (1, 2).Background_Color (To_String (Forest_Green));
  Grid_view.Panel (1, 2).Put_Line ("Hello World! Grid 1, 2");

  Docker_View.Create (Main_View.Panel (4, 1).all);
  Docker_View.Fill_Parent;
  DL.Create (Docker_View, "Hello World! Dock left");
  DL.Background_Color (To_String (Light_Pink));
  Docker_View.Left_Dock (DL'Access);
  DR.Create (Docker_View, "Hello World! Dock right");
  DR.Background_Color (To_String (Light_Coral));
  Docker_View.Right_Dock (DR'Access);
  DT.Create (Docker_View, "Hello World! Dock top");
  DT.Background_Color (To_String (Light_Sea_Green));
  Docker_View.Top_Dock (DT'Access);
  DB.Create (Docker_View, "Hello World! Dock bottom");
  DB.Background_Color (To_String (Light_Yellow));
  Docker_View.Bottom_Dock (DB'Access);
  DF.Create (Docker_View, "Hello World! Dock fill");
  DF.Background_Color (To_String (Light_Gray));
  Docker_View.Fill_Dock (DF'Access);
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Card_View.Create (Main_View.Panel (5, 1).all);
Card_View.Fill_Parent;
Tabs.Create (Card_View, Card_View);
C1.Create (Card_View, "Hello World! C1");
C1.Background_Color (To_String (Sky_Blue));
Card_View.Add_Card ("C1", C1'Access, True);
Tabs.Add_Tab ("C1", "Card 1");
C2.Create (Card_View, "Hello World! C2");
C2.Background_Color (To_String (Royal_Blue));
Card_View.Add_Card ("C2", C2'Access);
Tabs.Add_Tab ("C2", "Card 2");

Gnoga.Application.Singleton.Message_Loop;
exception
  when E : others =>
    Gnoga.Log (Ada.Exceptions.Exception_Name (E) & " - " & Ada.Exceptions.Exception_Message (E)
end hello4;
```