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with Ada.Exceptions;

with Gnoga.Application.Singleton;
with Gnoga.Gui.Window;
with Gnoga.Gui.View.Console;
with Gnoga.Gui.Element.List;

procedure hello5_list is
  Main_Window : Gnoga.Gui.Window.Window_Type;
  Main_View   : Gnoga.Gui.View.Console.Console_View_Type;

  Unordered_List, Unordered_Sublist1, Unordered_Sublist2 : Gnoga.Gui.Element.List.Unordered_List_Type;
  UListItem1, UListItem2, UListItem3, UListItem11, UListItem21, UListItem22 : Gnoga.Gui.Element.List.List_Item_Type;

  Ordered_List, Ordered_Sublist1, Ordered_Sublist2 : Gnoga.Gui.Element.List.Ordered_List_Type;
  OListItem1, OListItem2, OListItem3, OListItem11, OListItem21, OListItem22 : Gnoga.Gui.Element.List.List_Item_Type;

  Definition_List : Gnoga.Gui.Element.List.Definition_List_Type;
  Term1, Term2, Term3 : Gnoga.Gui.Element.List.Term_Type;
  Desc1, Desc2, Desc3 : Gnoga.Gui.Element.List.Description_Type;
begin
  Gnoga.Application.Title ("hello5");
  Gnoga.Application.HTML_On_Close ("Connection to Application has been terminated");

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

  Main_View.Create (Main_Window);
  Main_View.Put_Line ("Unordered list");

  Unordered_List.Create (Main_View);

  UListItem1.Create (Unordered_List, "I1");

  Unordered_Sublist1.Create (Unordered_List);
  UListItem11.Create (Unordered_Sublist1, "SI11");

  UListItem2.Create (Unordered_List, "I2");

  Unordered_Sublist2.Create (Unordered_List);
  Unordered_Sublist2.List_Kind (Gnoga.Gui.Element.List.Square);

  UListItem21.Create (Unordered_Sublist2, "SI21");
  UListItem22.Create (Unordered_Sublist2, "SI22");

  UListItem3.Create (Unordered_List, "I3");

  Main_View.Put_Line ("Ordered list");

  Ordered_List.Create (Main_View);
  Ordered_List.List_Kind (Gnoga.Gui.Element.List.Decimal_Leading_Zero);

  OListItem1.Create (Ordered_List, "I1");
  OListItem2.Create (Ordered_List, "I2");
  OListItem3.Create (Ordered_List, "I3");

  Ordered_Sublist1.Create (Ordered_List);
  Ordered_Sublist1.Place_Inside_Bottom_Of (OListItem1);
  Ordered_Sublist2.Create (Ordered_List);
  Ordered_Sublist2.Place_Inside_Bottom_Of (OListItem2);
  Ordered_Sublist2.List_Location (Gnoga.Gui.Element.List.Inside);

  OListItem11.Create (Ordered_Sublist1, "SI11");
  OListItem21.Create (Ordered_Sublist2, "SI21");
  OListItem22.Create (Ordered_Sublist2, "SI22");

  Main_View.Put_Line ("Description list");

  Definition_List.Create (Main_View);
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Term1.Create (Definition_List, "I1");
Desc1.Create (Definition_List, "-> D1");
Term2.Create (Definition_List, "I2");
Desc2.Create (Definition_List, "-> D2");
Term3.Create (Definition_List, "I3");
Desc3.Create (Definition_List, "-> D3");

Gnoga.Log (ULItem21.Value);
Gnoga.Log (OLItem21.Value);

Gnoga.Application.Singleton.Message_Loop;
exception
  when E : others =>
    Gnoga.Log (Ada.Exceptions.Exception_Name (E) & " - " & Ada.Exceptions.Exception_Message (E)
end hello5_list;
```