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with Ada.Exceptions;

with Gnoga.Application.Singleton;
with Gnoga.Gui.Window;
with Gnoga.Gui.View.Console;
with Gnoga.Gui.Element.Form;
with Gnoga.Types;
with Gnoga.Gui.Base;

procedure hello3evt is
  Main_Window : Gnoga.Gui.Window.Window_Type;

  type App_Data is new Gnoga.Types.Connection_Data_Type with record
    Main_View           : Gnoga.Gui.View.Console.Console_View_Type;
    Mon_Formulaire      : Gnoga.Gui.Element.Form.Form_Type;
    Mon_Texte_Multi    : Gnoga.Gui.Element.Form.Text_Area_Type;
    Mon_Champ_Cache    : Gnoga.Gui.Element.Form.Hidden_Type;
    Mon_Bouton         : Gnoga.Gui.Element.Form.Input_Button_Type;
    Mon_Bouton_Envoi   : Gnoga.Gui.Element.Form.Submit_Button_Type;
    Mon_Bouton_RAZ     : Gnoga.Gui.Element.Form.Reset_Button_Type;
    Ma_Case_A_Cocher   : Gnoga.Gui.Element.Form.Check_Box_Type;
    Mon_Bouton_Radio1  : Gnoga.Gui.Element.Form.Radio_Button_Type;
    Mon_Bouton_Radio2  : Gnoga.Gui.Element.Form.Radio_Button_Type;
    Mon_Image          : Gnoga.Gui.Element.Form.Input_Image_Type;
    Mon_Texte          : Gnoga.Gui.Element.Form.Text_Type;
    Mon_Mel            : Gnoga.Gui.Element.Form.Email_Type;
    Mon_Mot_Passe     : Gnoga.Gui.Element.Form.Password_Type;
    Mon_URL            : Gnoga.Gui.Element.Form.URL_Type;
    Ma_Recherche       : Gnoga.Gui.Element.Form.Search_Type;
    Ma_Couleur        : Gnoga.Gui.Element.Form.Color_Picker_Type;
    Ma_Date            : Gnoga.Gui.Element.Form.Date_Type;
    Mon_Heure         : Gnoga.Gui.Element.Form.Time_Type;
    Mon_Mois          : Gnoga.Gui.Element.Form.Month_Type;
    Ma_Semaine        : Gnoga.Gui.Element.Form.Week_Type;
    Ma_Date_Heure_Locale : Gnoga.Gui.Element.Form.Date_Time_Local_Type;
    Mon_Nombre        : Gnoga.Gui.Element.Form.Number_Type;
    Mon_Glisser       : Gnoga.Gui.Element.Form.Range_Type;
    Mon_Etiquette     : Gnoga.Gui.Element.Form.Label_Type;
    Ma_Selection      : Gnoga.Gui.Element.Form.Selection_Type;
    Mon_Option1       : Gnoga.Gui.Element.Form.Option_Type;
    Mon_Option2       : Gnoga.Gui.Element.Form.Option_Type;
    Mon_Option_Groupe : Gnoga.Gui.Element.Form.Option_Group_Type;
  end record;
  type App_Access is access all App_Data;

  procedure On_Cancel (Object : in out Gnoga.Gui.Base.Base_Type'Class) is
    App : constant App_Access := App_Access (Object.Connection_Data);
  begin
    App.Main_View.Put_HTML ("

# Annulation du formulaire</h1>"); end On_Cancel; procedure On_Submit (Object : in out Gnoga.Gui.Base.Base_Type'Class) is App : constant App_Access := App_Access (Object.Connection_Data); begin App.Main_View.Put_Line ("EVT parameter: Mon_Texte_Multi = " & App.Mon_Texte_Multi.Value); App.Main_View.Put_Line ("EVT parameter: Mon_Champ_Cache = " & App.Mon_Champ_Cache.Value); App.Main_View.Put_Line ("EVT parameter: Ma_Case_A_Cocher = " & App.Ma_Case_A_Cocher.Checked'Img); App.Main_View.Put_Line ("EVT parameter: Mon_Bouton_Radiol = " & App.Mon_Bouton_Radiol.Checked'Img); App.Main_View.Put_Line ("EVT parameter: Mon_Bouton_Radio2 = " & App.Mon_Bouton_Radio2.Checked'Img); App.Main_View.Put_Line ("EVT parameter: Mon_Image = " & App.Mon_Image.Source); App.Main_View.Put_Line ("EVT parameter: Mon_Texte = " & App.Mon_Texte.Value); App.Main_View.Put_Line ("EVT parameter: Mon_Mel = " & App.Mon_Mel.Value); App.Main_View.Put_Line ("EVT parameter: Mon_Mot_Passe = " & App.Mon_Mot_Passe.Value); App.Main_View.Put_Line ("EVT parameter: Mon_URL = " & App.Mon_URL.Value); App.Main_View.Put_Line ("EVT parameter: Ma_Recherche = " & App.Ma_Recherche.Value); App.Main_View.Put_Line ("EVT parameter: Ma_Couleur = " & App.Ma_Couleur.Value);


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App.Main_View.Put_Line ("EVT parameter: Ma_Date = " & App.Ma_Date.Value);
App.Main_View.Put_Line ("EVT parameter: Mon_Heure = " & App.Mon_Heure.Value);
App.Main_View.Put_Line ("EVT parameter: Mon_Mois = " & App.Mon_Mois.Value);
App.Main_View.Put_Line ("EVT parameter: Ma_Semaine = " & App.Ma_Semaine.Value);
App.Main_View.Put_Line
("EVT parameter: Ma_Date_Heure_Locale = " & App.Ma_Date_Heure_Locale.Value);
App.Main_View.Put_Line ("EVT parameter: Mon_Nombre = " & App.Mon_Nombre.Value);
App.Main_View.Put_Line ("EVT parameter: Mon_Glisser = " & App.Mon_Glisser.Value);
App.Main_View.Put_Line ("EVT parameter: Ma_Selection = " & App.Ma_Selection.Value);
end On_Submit;

procedure On_Change (Object : in out Gnoga.Gui.Base.Base_Type'Class) is
  App : constant App_Access := App_Access (Object.Connection_Data);
begin
  App.Main_View.Put_Line ("EVT change: Mon_Glisser = " & App.Mon_Glisser.Value);
end On_Change;

procedure Formulaires (App : App_Access) is
begin
  Main_Window.Connection_Data (App);
  App.Main_View.Create (Main_Window);
  App.Mon_Formulaire.Create (App.Main_View);
  App.Mon_Formulaire.On_Submit_Handler (On_Submit'Unrestricted_Access);
  App.Mon_Texte_Multi.Create (App.Mon_Formulaire, Value => "Texte multi-ligne...");
  App.Mon_Formulaire.New_Line;
  App.Mon_Champ_Cache.Create (App.Mon_Formulaire, Value => "Valeur0", Name => "Champ0");
  App.Mon_Formulaire.Put ("<- Champ caché.");
  App.Mon_Formulaire.New_Line;
  App.Mon_Bouton.Create (App.Mon_Formulaire, "Annuler");
  App.Mon_Bouton.On_Click_Handler (On_Cancel'Unrestricted_Access);
  App.Mon_Bouton_Envoi.Create (App.Mon_Formulaire, "Envoyer");
  App.Mon_Bouton_RAZ.Create (App.Mon_Formulaire, "RAZ");
  App.Mon_Formulaire.New_Line;
  App.Ma_Case_A_Cocher.Create (App.Mon_Formulaire);
  Gnoga.Gui.Element.Form.Label_Access'(new Gnoga.Gui.Element.Form.Label_Type).Create
(App.Mon_Formulaire, App.Ma_Case_A_Cocher, "Case à cocher");
  App.Mon_Formulaire.New_Line;
  App.Mon_Bouton_Radiol.Create (App.Mon_Formulaire, Value => "Choix1", Name => "Choix");
  Gnoga.Gui.Element.Form.Label_Access'(new Gnoga.Gui.Element.Form.Label_Type).Create
(App.Mon_Formulaire, App.Mon_Bouton_Radiol, "Choix 1");
  App.Mon_Bouton_Radio2.Create (App.Mon_Formulaire, True, Value => "Choix2", Name => "Choix");
  Gnoga.Gui.Element.Form.Label_Access'(new Gnoga.Gui.Element.Form.Label_Type).Create
(App.Mon_Formulaire, App.Mon_Bouton_Radio2, "Choix 2");
  App.Mon_Formulaire.New_Line;
  App.Mon_Image.Create (App.Mon_Formulaire, "favicon.ico");
  App.Mon_Formulaire.Put ("<- image.");
  App.Mon_Formulaire.New_Line;
  App.Mon_Texte.Create (App.Mon_Formulaire);
  App.Mon_Formulaire.Put ("<- texte sur une ligne.");
  App.Mon_Formulaire.New_Line;
  App.Mon_Mel.Create (App.Mon_Formulaire, Value => "mel@moi.org");
  App.Mon_Formulaire.New_Line;
  App.Mon_Mot_Passe.Create (App.Mon_Formulaire, Value => "mdp");
  App.Mon_Formulaire.Put ("<- mot de passe.");
  App.Mon_Formulaire.New_Line;
  App.Mon_URL.Create (App.Mon_Formulaire, Value => "http://gnoga.com");
  App.Mon_Formulaire.New_Line;
  App.Ma_Recherche.Create (App.Mon_Formulaire, Value => "gnoga");
  App.Mon_Formulaire.Put ("<- recherche.");
  App.Mon_Formulaire.New_Line;
  App.Ma_Couleur.Create (App.Mon_Formulaire);
  App.Mon_Formulaire.Put ("<- couleur.");
  App.Mon_Formulaire.New_Line;
  App.Ma_Date.Create (App.Mon_Formulaire);
  App.Mon_Formulaire.Put ("<- date yyyy-mm-dd.");
  App.Mon_Formulaire.New_Line;
  App.Mon_Heure.Create (App.Mon_Formulaire);
  App.Mon_Formulaire.Put ("<- heure HH:MM.");
  App.Mon_Formulaire.New_Line;
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App.Mon_Mois.Create (App.Mon_Formulaire);
App.Mon_Formulaire.Put ("<- mois yyyy-mm.");
App.Mon_Formulaire.New_Line;
App.Ma_Semaine.Create (App.Mon_Formulaire);
App.Mon_Formulaire.Put ("<- semaine yyyy-Www.");
App.Mon_Formulaire.New_Line;
App.Ma_Date_Heure_Locale.Create (App.Mon_Formulaire);
App.Mon_Formulaire.Put ("<- date et heure locale yyyy-mm-ddTHH:MMZ.");
App.Mon_Formulaire.New_Line;
App.Mon_Nombre.Create (App.Mon_Formulaire, Value => "99");
App.Mon_Formulaire.Put ("<- nombre.");
App.Mon_Formulaire.New_Line;
App.Mon_Glisser.Create (App.Mon_Formulaire);
App.Mon_Glisser.On_Change_Handler (On_Change'Unrestricted_Access);
App.Mon_Etiquette.Create (App.Mon_Formulaire, App.Mon_Glisser, "Glisseur");
App.Mon_Formulaire.New_Line;
App.Ma_Selection.Create (App.Mon_Formulaire, Name => "ChampSel");
App.Ma_Selection.Add_Option ("Valeur1", "Champ 1");
App.Mon_Option1.Create (App.Mon_Formulaire, App.Ma_Selection, "Valeur2", "Champ 2");
App.Mon_Option_Groupe.Create (App.Mon_Formulaire, App.Ma_Selection, "Groupe 1");
App.Mon_Option2.Create (App.Mon_Formulaire, App.Mon_Option_Groupe, "Valeur3", "Champ 3");
end Formulaires;

begin
  Gnoga.Application.Title ("hello3 EVT");
  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);

  Formulaires (new App_Data);

  Gnoga.Application.Singleton.Message_Loop;
exception
  when E : others =>
    Gnoga.Log (Ada.Exceptions.Exception_Name (E) & " - " & Ada.Exceptions.Exception_Message (E))
end hello3evt;
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