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using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using Caissa.Classes;
using Caissa.Persistence;

public partial class Pages_ViewSource : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            bindDropDownLists();
            bindFields();
            blockEdition();
        }
    }

    protected void bindDropDownLists()
    {
        SourceTypeDB typeDB = new SourceTypeDB();
        ddlSourceType.DataSource = typeDB.Select().Tables[0].DefaultView;
        ddlSourceType.DataValueField = "sot_id";
        ddlSourceType.DataTextField = "sot_title";
        ddlSourceType.DataBind();
        ddlSourceType.Items.Insert(0, "Select");
    }

    protected void bindFields()
    {
        SourceDB souDB = new SourceDB();

        int sourceId = Convert.ToInt32(Request.QueryString["submit"]);

        txtTitle.Text = souDB.SelectSource(sourceId).Tables[0].Rows[0]
            ["sou_title"].ToString();
        txtAuthor.Text = souDB.SelectSource(sourceId).Tables[0].Rows[0]
            ["sou_author"].ToString();
        txtLink.Text = souDB.SelectSource(sourceId).Tables[0].Rows[0]
            ["sou_external_link"].ToString();
        txtDescription.Text = souDB.SelectSource(sourceId).Tables[0].Rows[0]
            ["sou_description"].ToString();
        ddlSourceType.SelectedValue = souDB.SelectSource(sourceId).Tables[0].Rows
            [0]["sot_id"].ToString();

        lblMessage.Visible = false;
    }

    private void blockEdition()
    {
        txtTitle.Enabled = false;
        txtAuthor.Enabled = false;
        txtLink.Enabled = false;
    }
}
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txtDescription.Enabled = false;
ddlSourceType.Enabled = false;

btnAlter.Visible = true;
btnDelete.Visible = true;
btnUpdate.Visible = false;
btnCancel.Visible = false;
}

private void releaseEdition()
{
    txtTitle.Enabled = true;
    txtAuthor.Enabled = true;
    txtLink.Enabled = true;
    txtDescription.Enabled = true;
    ddlSourceType.Enabled = true;

    btnAlter.Visible = false;
    btnDelete.Visible = false;
    btnUpdate.Visible = true;
    btnCancel.Visible = true;
}

protected void btnAlter_Click(object sender, EventArgs e)
{
    ddlSourceType.Items.Clear();
    bindDropDownLists();
    bindFields();
    releaseEdition();
}

protected void btnUpdate_Click(object sender, EventArgs e)
{
    int sourceId = Convert.ToInt32(Request.QueryString["submit"]);

    Source sou = new Source()
    {
        Id = sourceId,
        Title = txtTitle.Text,
        Author = txtAuthor.Text,
        ExternalLink = txtLink.Text,
        Description = txtDescription.Text,
        SourceType = Convert.ToInt32(ddlSourceType.SelectedValue)
    };

    SourceDB souDB = new SourceDB();
    souDB.Update(sou);

    Response.Redirect("ViewSource.aspx?submit=" + sourceId);
}

protected void btnCancel_Click(object sender, EventArgs e)
{
    int sourceId = Convert.ToInt32(Request.QueryString["submit"]);

    Response.Redirect("ViewSource.aspx?submit=" + sourceId);
}
```

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}

protected void btnDelete_Click(object sender, EventArgs e)
{
    SourceDB souDB = new SourceDB();

    int sourceId = Convert.ToInt32(Request.QueryString["submit"]);

    souDB.Delete(sourceId);

    Response.Redirect("Sources.aspx");
}
}
```