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window.onload = initPage;

function initPage() {
  // find the thumbnails on the page
  thumbs = document.getElementById("thumbnailPane").getElementsByTagName("img");

  // set the handler for each image
  for (var i = 0; i < thumbs.length; i++) {
    image = thumbs[i];

    // create the onclick function
    image.onclick = function() {
      // find the image name
      detailURL = 'images/' + this.title + '-detail.jpg';
      document.getElementById("itemDetail").src = detailURL;
      getDetails(this.title);
    }
  }
}

function createRequest() {
  try {
    request = new XMLHttpRequest();
  } catch (tryMS) {
    try {
      request = new ActiveXObject("Msxml2.XMLHTTP");
    } catch (otherMS) {
      try {
        request = new ActiveXObject("Microsoft.XMLHTTP");
      } catch (failed) {
        request = null;
      }
    }
  }
  return request;
}

function getDetails(itemName) {
  request = createRequest();
  if (request == null) {
    alert("Unable to create request");
    return;
  }
  var url= "getDetailsXML-updated.php?ImageID=" + escape(itemName);
  request.open("GET", url, true);
  request.onreadystatechange = displayDetails;
  request.send(null);
}

/* // CSV response
function displayDetails() {
  if (request.readyState == 4) {
    if (request.status == 200) {
      detailDiv = document.getElementById("description");
      //detailDiv.innerHTML = request.responseText;

      // Remove existing item details (if any)
      for (var i = detailDiv.childNodes.length; i > 0; i--){
        detailDiv.removeChild(detailDiv.childNodes[i - 1]);
      }

      // Add new item details
      var response = request.responseText;
      var itemDetails = response.split(",");
    }
  }
}

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var descriptionP = document.createElement("p");
descriptionP.appendChild(document.createTextNode("Description: " +
    itemDetails[1]));
detailDiv.appendChild(descriptionP);

var priceP = document.createElement("p");
priceP.appendChild(document.createTextNode("Price: $" +
    itemDetails[2]));
detailDiv.appendChild(priceP);

var list = document.createElement("ul");
for (var i = 3; i < itemDetails.length; i++){
    var li = document.createElement("li");
    var a = document.createElement("a");
    a.setAttribute("href", itemDetails[i]);
    a.appendChild(document.createTextNode(itemDetails[i]));
    li.appendChild(a);
    list.appendChild(li);
}
detailDiv.appendChild(list);
}
}
}*/

/* // XML response
function displayDetails() {
    if (request.readyState == 4) {
        if (request.status == 200) {
            detailDiv = document.getElementById("description");
            //detailDiv.innerHTML = request.responseText;

            // Remove existing item details (if any)
            for (var i = detailDiv.childNodes.length; i > 0; i--){
                detailDiv.removeChild(detailDiv.childNodes[i - 1]);
            }

            // Add new item details
            var responseDoc = request.responseXML;

            var descriptionP = document.createElement("p");
            descriptionP.appendChild(document.createTextNode("Description: " +
                responseDoc.getElementsByTagName("description")[0].firstChild.nodeValue));
            detailDiv.appendChild(descriptionP);

            var priceP = document.createElement("p");
            priceP.appendChild(document.createTextNode("Price: " +
                responseDoc.getElementsByTagName("price")[0].firstChild.nodeValue));
            detailDiv.appendChild(priceP);

            var urlDetails = responseDoc.getElementsByTagName("url");
            for (var i = 0; i < urlDetails.length; i++){
                var url = urlDetails[i].firstChild.nodeValue;
                var urlP = document.createElement("p");
                var urlA = document.createElement("a");
                urlA.setAttribute("href", url);
                urlP.appendChild(urlA);
                urlA.appendChild(document.createTextNode(url));
                detailDiv.appendChild(urlP);
            }
        }
    }
}
}*/

```

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// XML response with categories
function displayDetails() {
  if (request.readyState == 4) {
    if (request.status == 200) {
      detailDiv = document.getElementById("description");

      // Remove existing item details (if any)
      for (var i = detailDiv.childNodes.length; i > 0; i--){
        detailDiv.removeChild(detailDiv.childNodes[i - 1]);
      }

      // Add new item details
      var responseDoc = request.responseXML;

      var categories = responseDoc.getElementsByTagName("category");

      for (var i = 0; i < categories.length; i++){
        var category = categories[i];
        var nameElement = category.getElementsByTagName("name")[0];
        var categoryName = nameElement.firstChild.nodeValue;
        var categoryType = category.getAttribute("type");

        if ((categoryType == null) || (categoryType != "list")){
          var valueElement = category.getElementsByTagName("value")[0];
          var categoryValue = valueElement.firstChild.nodeValue;

          var p = document.createElement("p");
          var text = document.createTextNode(categoryName + ": " +
categoryValue);
          p.appendChild(text);
          detailDiv.appendChild(p);
        } else {
          var p = document.createElement("p");
          p.appendChild(document.createTextNode(categoryName));

          var list = document.createElement("ul");
          var values = category.getElementsByTagName("value");
          for (var j = 0; j < values.length; j++){
            var li = document.createElement("li");

li.appendChild(document.createTextNode(values[j].firstChild.nodeValue));
            list.appendChild(li);
          }
          detailDiv.appendChild(p);
          detailDiv.appendChild(list);
        }
      }
    }
  }
}

```

