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window.onload = initPage;

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

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

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

function getDetails(itemName) {
  request = createRequest();
  if (request == null) {
    alert("Unable to create request");
    return;
  }
  // Version for XML server-side script
  var url= "getDetailsJSON.php?ImageID=" + escape(itemName);
  request.open("GET", url, true);
  request.onreadystatechange = displayDetails;
  request.send(null);
}

function displayDetails() {
  if (request.readyState == 4) {
    if (request.status == 200) {
      var 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 response = JSON.parse(request.responseText);

      for (var property in response){
        var itemProperty = response[property];
        if (property != "id"){
          if (!isArray(itemProperty)){
            var para = document.createElement("p");
            if (property == "price"){
para.appendChild(document.createTextNode(createLabel(property) +
": $" + itemProperty));
            } else {
para.appendChild(document.createTextNode(createLabel(property) +
": " + itemProperty));
            }
            detailDiv.appendChild(para);
          } else {

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        var para = document.createElement("p");

para.appendChild(document.createTextNode(createLabel(property) + ":"));
        detailDiv.appendChild(para);
        for (var i = 0; i < itemProperty.length; i++){
            if (itemProperty[i].indexOf("http://") >= 0 ||
itemProperty[i].indexOf("https://") >= 0){
                var para = document.createElement("p");
                var urlA = document.createElement("a");
                urlA.setAttribute("href", itemProperty[i]);

urlA.appendChild(document.createTextNode(itemProperty[i]));
                para.appendChild(urlA);
            } else {
                var para = document.createElement("p");

para.appendChild(document.createTextNode(itemProperty[i]));
            }
            detailDiv.appendChild(para);
        }
    }
}

/*
    var descriptionP = document.createElement("p");
    detailDiv.appendChild(descriptionP);
    descriptionP.appendChild(document.createTextNode("Description: " +
response.description));

    var priceP = document.createElement("p");
    detailDiv.appendChild(priceP);
    priceP.appendChild(document.createTextNode("Price: $" + response.price));

    for (var i = 0; i < response.urls.length; i++){
        var urlP = document.createElement("p");
        var urlA = document.createElement("a");
        urlA.setAttribute("href", response.urls[i]);
        urlA.appendChild(document.createTextNode(response.urls[i]));

        urlP.appendChild(urlA);
        detailDiv.appendChild(urlP);
    }
}*/

function isArray(arg) {
    if (typeof arg == "object") {
        var criteria = arg.constructor.toString().match(/array/i);
        return (criteria != null);
    }
    return false;
}

function createLabel(label){
    return label.substring(0, 1).toUpperCase() + label.substring(1);
}

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