

Download depot\_n/app/views/layouts/store.html

```
<% hidden_div_if(@cart.items.empty?, :id => "cart") do %>
  <%= render(:partial => "cart", :object => @cart) %>
<% end %>
```

We'll write our helper so that it is local to the store controller by adding it to `store_helper.rb` in the `app/helpers` directory.

Download depot\_n/app/helpers/store\_helper.rb

```
module StoreHelper

  def hidden_div_if(condition, attributes = {}, &block)
    if condition
      attributes["style"] = "display: none"
    end
    content_tag("div", attributes, &block)
  end
end
```

This code uses the Rails standard helper, `content_tag`, which can be used to wrap the output created by a block in a tag. By using the `&block` notation, we get Ruby to pass the block that was given to `hidden_div_if` down to `content_tag`.

And, finally, we need to stop setting the message in the flash that we used to display when the user empties a cart. It really isn't needed any more, because the cart clearly disappears from the sidebar when the catalog index page is redrawn. But there's another reason to remove it, too. Now that we're using AJAX to add products to the cart, the main page doesn't get redrawn between requests as people shop. That means we'll continue to display the flash message saying the cart is empty even as we display a cart in the sidebar.

Download depot\_n/app/controllers/store\_controller.rb

```
def empty_cart
  session[:cart] = nil
  redirect_to_index
end
```

Although this might seem like a lot of steps, it really isn't. All we did to make the cart hide and reveal itself was to make the CSS display style conditional on the number of items in the cart and to use the `.rjs` template to invoke the `blind_down` effect when the cart went from being empty to having one item.

Everyone is excited to see our fancy new interface. In fact, because our computer is on the office network, our colleagues point their browsers at our test application and try it for themselves. Lots of low whistles follow as folks marvel at the way the cart appears and then updates. Everyone loves it. Everyone, that is, except Bruce. Bruce doesn't trust JavaScript running in his browser and has it turned off. And, with JavaScript disabled, all our fancy AJAX stops working. When Bruce adds something to his cart, he sees something strange.