

Introduction to Low Pro for Prototype.js

Creating Behaviours

What is Low Pro?

- Extensions to Prototype.js to make unobtrusive scripting easier
- DOM Builders
- Events
- Behavior

Low Pro behaviors

- Encapsulated
- Extendable (no module / closures to prevent access to properties)
- Easy to read :-)

Example - product form

Acme Inc

Edit product

This product is a special offer

Special Offer Text

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

or [cancel](#)

```
<form class="product" action="intro.html" method="post">
  <h2>Edit product</h2>

  <fieldset class="special-offer">

    <div>
      <input type="checkbox" id="product_special_offer" name="product[special_offer]" />
      <label for="product_special_offer">This product is a special offer</label>
    </div>

    <div class="special-offer-text">
      <label for="product_special_offer_text">Special Offer Text</label>
      <textarea id="product_special_offer_text" name="product[special_offer_text]">Lorem ipsum
    </div>

  </fieldset>

  <fieldset class="controls">
    <input type="submit" class="submit" value="Save" /> or <a href="#.#">cancel</a>
  </fieldset>

</form>
```

```
ProductForm = Behavior.create({  
    // initialize the behavior  
    initialize : function(){  
    }  
});  
  
Event.addBehavior({  
    'form.product' : ProductForm  
});
```

```
ProductForm = Behavior.create({  
  
    // initialize the behavior  
    initialize : function(){  
        var isSpecialOffer = this.element.down('#product_special_offer').checked;  
        if ( isSpecialOffer ){  
            this.element.down('div.special-offer-text').show();  
        } else {  
            this.element.down('div.special-offer-text').hide();  
        }  
    }  
});
```

```

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    // initialize the behavior
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        if ( isSpecialOffer ){
            this.element.down('div.special-offer-text').show();
        } else {
            this.element.down('div.special-offer-text').hide();
        }
    },

    // create an event delegate that catches onchange events, and for the #product_special_offer will
    // toggle the visibility of of the textarea
    onchange : Event.delegate({
        '#product_special_offer': function( e ){
            e.element().up('fieldset').down('div.special-offer-text').toggle();
        }
    })
});

```



```

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  // create an event delegate that catches onchange events, and for the #product_special_offer will
  // toggle the visibility of of the textarea
  onchange : Event.delegate({
    '#product_special_offer': function( e ){
      e.element().up('fieldset').down('div.special-offer-text').toggle();
    }
  }),

  // disable the button and change the text to "Saving..." when submitting the form
  onsubmit : function( e ){
    var target = this.element.down( 'input.submit' );
    target.disabled = true;
    target.value = 'Saving...';
    return false;
  }
});

```

Comments, Questions?

Resources

- <http://www.danwebb.net/lowpro>
- <http://github.com/danwrong/low-pro>
- <http://groups.google.com/group/low-pro>