

Nitesi Training

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Targets

- ▶ Getting in touch with Nitesi
- ▶ Create account and login
- ▶ Cart error
- ▶ Implementing wishlists

Principle of Separation

- ▶ Data
- ▶ Template
- ▶ Layout

ITL example

```
[ fly-list code="[data session arg]" ]  
<div>  
<p>[L] Description [/L]: [item-description] </p>  
<p>[L] Price [/L]: [item-price] </p>  
</div>  
[query ...]  
[/query]  
[/fly-list]
```

ITL problems

- ▶ Eierlegende Wollmilchsau
- ▶ Code duplication
- ▶ ITL deserts
- ▶ Queries inside ITL
- ▶ Interaction with designers

Solutions

- ▶ Fetch data inside code / embed with JSON
- ▶ Better templating engine

Solutions

- ▶ Template::Flute
- ▶ Data: Values, Iterators
- ▶ Template: HTML, Specification

Data

```
$values{cart} = cart->items;
```


Specification

```
<specification >  
<list name="cart" class="cartitem" iterator="cart">  
<param name="name"/>  
<param name="price" filter="currency"/>  
<param name="qty" field="quantity"/>  
</list >  
</specification >
```

Layout

```
<tr class="cartitem">
  <td class="name">Simms replacement laces </td>
  <td>
    <input class="qty" value="2" />
  </td>
  <td class="td-right price">$24.55</td>
  <td class="td-right ">$49.10</td>
</tr>
```

Accounts

- ▶ User
- ▶ Roles
- ▶ Permissions

account Keyword

```
account->login (username => 'racke@e@linuxia.de',  
               password => 'nevairbe');
```

```
account->acl (check => 'view_prices');
```

```
account->logout ();
```

account Keyword

```
account->create (email => 'racke@linuxia.de',  
                first_name => 'Stefan',  
                last_name => 'Hornburg',  
                password => 'nevairbe');  
  
account->become('racke@linuxia.de');
```

Exercise I: Create account and login

- ▶ Create account with a Django script
- ▶ Login to the shop

Exercise I: Create account and login

- ▶ `applications/Angler/bin`
- ▶ `cd applications/Angler`

Cart

- ▶ Multiple carts
- ▶ Storage in session or database
- ▶ Combines automatically
- ▶ Price caching

Cart Validation

- ▶ SKU, Name, Quantity, Price
- ▶ Price > 0

Add container for error

```
views/cart.html
```

```
<div class="text-error">  
    Cart error  
</div>
```

Add container for error

```
views/cart.xml
```

```
<container name="error" class="text-error" value="error">  
<value name="error" class="text-error"/>  
</container>
```

Add container for error

```
lib/Angler.pm
```

```
hook 'before_cart_display' => sub {  
  my $values = @_;  
  
  $values->{error} = 'Testing error';  
};
```

Add container for error

```
lib/Angler.pm
```

```
hook 'before_cart_display' => sub {  
  my $values = @_;  
  
  my $item = cart->add(sku => 'WBSG2003',  
                       name => 'ZXL FLY ROD SERIES',  
                       price => 0);  
  
  $values->{error} = cart->error;  
};
```

Using cart keyword

```
use Dancer::Plugin::Nitesi;
```

```
cart->add(sku => 'POM253', name => 'Pomelo',  
          price => 3.00, quantity => 10);
```

```
cart->remove(sku => 'POM253');
```

```
cart->count();
```

```
cart->clear();
```

```
cart->total();
```

```
cart->subtotal();
```

Implement wishlists

- ▶ Carts
- ▶ Wishlists

Task I

- ▶ Copy cart template
- ▶ Add route for wishlist
- ▶ Add wishlist button to flypage

Wishlists

```
cart('wishlist')->add((sku => 'POM253', name => 'Pomelo',  
    price => 3.00, quantity => 10);
```

Shop break

Slides: <http://www.linuxia.de/talks/eic2013/nitesi-training-beamer.pdf>