

How to add Diva "lite" to an existing WO app

DirectToWeb for "CRUD" UI

If you require CRUD (i.e Create, Read, Update and Delete) functionality in your WebObjects application then look no further than DirectToWeb. Diva look gives you the ability to tailor the theme of DirectToWeb to your existing application.

Steps

1. Add the following frameworks to the project build path:
 - JavaDirectToWeb
 - JavaDTWGeneration
 - JavaEOProject
 - ERDirectToWeb
 - ERDivaliteLook
2. Make your `DirectAction` class inherit from `ERD2WDirectAction`
This will give you access to DirectToWeb pages via direct actions. See [ERD2WDirectAction](#)
3. Insert a `<div id="a">...</div>` container for the page content in your `PageWrapper`.
See [How to Layout a Diva look page](#)
4. Include a global CSS theme in the `PageWrapper` template:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
<html>
  <head>
    <webobject name = "Stylesheet"></webobject>
    ...
  </head>
  <body>
    ...
    <div id="a">
      <webobject name = "ComponentContent" />
    </div>
    ...
  </body>
</html>
```

Definition:

```
Stylesheet: ERXStyleSheet {
  filename = "d2w.css";
}

ComponentContent: WOComponentContent {}
```

5. Add the `user.d2wmodel` and `d2w.d2wmodel` files to the project Resources folder.
6. Clean & build

Now you may link actions in your application to D2W pageConfigs as per [ERD2WDirectAction](#) or via logic using the D2W factory API.