Diazo
easy theming without XSLT

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What is Diazo?

- Origins from chemistry:

- *Diazo refers to a type of organic compound called diazo compound that has two linked nitrogen atoms (azo) as a terminal functional group. The general formula is R2C=N2. The simplest example of a diazo compound is diazomethane.*
Diazo for theming

• Motto:
  “We write XSLT, so you don't have to”

• Diazo allows you to apply a theme contained in a static HTML web page to a dynamic website created using any server-side technology. With Diazo, you can take an HTML wireframe created by a web designer and turn it into a theme for your favourite CMS, redesign the user interface of a legacy web application without even having access to the original source code, or build a unified user experience across multiple disparate systems, all in a matter of hours, not weeks.
How does it work?
Static HTML mockup

<html>
  <head>
    <title>My own Diazo</title>
    <link rel="stylesheet" href="/theme.css" />
  </head>
  <body>
    <h1 id="title">My own Diazo home page</h1>
    <div id="content">
      <!-- Placeholder -->
      Lorem ipsum ...
    </div>
  </body>
</html>
Rules (rules.xml)

<rules
  xmlns="http://namespaces.plone.org/diazo"
  xmlns:css="http://namespaces.plone.org/diazo/css"
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <theme href="theme/theme.html" />
  <drop css:content="#indices-and-tables" />
  <replace css:theme-children="#content"
    css:content-children=".content" />
</rules>
Running diazo

- Via paster/buildout
  See example
  https://github.com/bosim/diazo-talk

- Via nginx/apache using modified version of libxslt. Diazo compiles to xslt.
Ideas for further work

- Creating rules for wiring up wordpress
  Starting point
  http://developer.plone.org/templates_css_and_javascripts/xdv.html

- Experimenting with Plone and diazo, builtin support.

- Redesigning flug.dk without touching the site.