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## Anexo A – Modelagem Abstrata da Interface de Exemplo

A modelagem Abstrata apresentada neste anexo, está descrita em notação N3 ao invés de OWL, pois N3 descreve os elementos e as suas propriedades de uma maneira mais clara se comparado com a linguagem OWL. Esta modelagem descreve os elementos que compõem a interface de exemplo apresenta no capítulo 4.

```
<!----- DECLARAÇÕES INICIAS ----->

@prefix cwo: <www.tecweb.inf.puc-rio.br:8080/ontology/CWO/cwo#>.
@prefix awo: <http://www.inf.puc-rio.br/~sabrina/ontology/AWO/awo# >.
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#>.
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>.
@prefix owl: <http://www.w3.org/2002/07/owl#>.
@prefix: <http://www.inf.puc-rio.br/~sabrina/ontology/IA/HomePage#>.

<http://www.inf.puc-rio.br/~sabrina/ontology/IA/HomePage#>
  a owl:Ontology ;
  owl:imports
    <http://www.inf.puc-rio.br/~sabrina/ontology/AWO/awo.owl>,
    <http://www.inf.puc-rio.br/~sabrina/ontology/CWO/cwo.owl> .

<!-- ***** -->
<!-- PÁGINA -->
<!-- ***** -->

:IdxHomePage
  a awo:CompositeInterfaceElement;
  awo:hasInterfaceElement
    :HomeTitle, :IdxMainMenu, :Search,
    :CtxProfessorAlpha;
  awo:isRepeated "false".
  awo:mapsTo cwo:Composition .
```

```
<!----- TITULO PRINCIPAL ----->
```

```
:HomeTitle
    a      awo:ElementExhibitor;
    awo:visualizationText "Home"
    awo:blockElement "<h1>"
    awo:mapsTo cwo:Label .
```

```
<!----- MENU PRINCIPAL ----->
```

```
:IdxMainMenu
    a      awo:CompositeInterfaceElement;
    awo:hasInterfaceElement
        :IdxMainMenuTitle, :MainMenuEntries;
    awo:isRepeated "false"
    awo:mapsTo cwo:Composition .
```

```
:IdxMainMenuTitle
    a      awo:ElementExhibitor;
    awo:visualizationText "Main Menu"
    awo:blockElement "<div class= titleMenu>"
    awo:mapsTo cwo:Label .
```

```
:MainMenuEntries
    a      awo:CompositeInterfaceElement;
    awo:hasInterfaceElement
        :MainMenuProfessors, :MainMenuStudents,
        :MainMenuPapers;
    awo:isRepeated "false"
    awo:blockElement "<div class='menu'>"
    awo:mapsTo cwo:Composition .
```

```
:MainMenuProfessors
    a      awo:SimpleActivator;
    awo:fromAttribute "section";
    awo:fromElement "MainMenuProfessors";
    awo:targetInterface "Professors"
    awo:mapsTo cwo:Link .
```

```
:MainMenuStudents
```

```

a      awo:SimpleActivator;
awo:fromAttribute "section";
awo:fromElement "MainMenuStudents";
awo:targetInterface "Students"
awo:mapsTo cwo:Link .

```

```
:MainMenuPapers
```

```

a      awo:SimpleActivator;
awo:fromAttribute "section";
awo:fromElement "MainMenuPapers";
awo:targetInterface "Papers"
awo:mapsTo cwo:Link .

```

```
<!----- ELEMENTO SEARCH ----->
```

```
:Search
```

```

a      awo:CompositeInterfaceElement ;
awo:fromIndex "idxSearch" ;
awo:isRepeated "false" ;
awo:hasInterfaceElement
      :TitleSearch, :SearchElements;
awo:blockElement "<div class='search'>";
awo:mapsTo cwo:Composition .

```

```
:TitleSearch
```

```

a      awo:ElementExhibitor;
awo:visualizationText "Search";
awo:blockElement "<div> <b>";
awo:mapsTo cwo:Label .

```

```
:SearchElements
```

```

a      awo:CompositeInterfaceElement ;
awo:fromIndex "idxSearch" ;
awo:hasInterfaceElement
      :SearchProfessors, :SearchStudents,
      :SearchPapers, :SearchField;
awo:isRepeated "false" ;
awo:targetInterface "SearchResult";
awo:blockElement "<div>";
awo:mapsTo cwo:Form .

```

```

:SearchProfessors
    a      awo:MultipleChoices ;
    awo:fromAttribute "section" ;
    awo:fromElement "SearchProfessors" ;
    awo:blockElement "<div>";
    awo:mapsTo cwo:CheckBox.

:SearchStudents
    a      awo:MultipleChoices ;
    awo:fromAttribute "section" ;
    awo:fromElement "SearchProfessors" ;
    awo:blockElement "<div>";
    awo:mapsTo cwo:CheckBox.

:SearchPapers
    a      awo:MultipleChoices ;
    awo:fromAttribute "section" ;
    awo:fromElement "SearchProfessors" ;
    awo:blockElement "<div>";
    awo:mapsTo cwo:CheckBox .

<!-- ***** -->
<!--          DADOS DO PROFESSOR          -->
<!-- ***** -->

:CtxProfessorAlpha
    a      awo:CompositeInterfaceElement;
    awo:hasInterfaceElement
        :ProfessorName, :ProfessorDegree,
        :ProfessorPhoneComposition,
        :ProfessorHomePageComposition,
        :ProfessorEmailComposition,
        :StudentsByProfessorAlphaCompos,
        :StudentsByProfessorAlpha,
        :ProfessorAlphaNext, :ProfessorAlphaPrevious;
    awo:isRepeated "false"
    awo:mapsTo cwo:Composition.

<!------- NOME DO PROFESSOR ----->

```

```

:ProfessorName
    a      awo:ElementExhibitor ;
    awo:fromAttribute "name";
    awo:fromContext "ctxProfessorAlpha";
    awo:blockElement "<div> <b>"
    awo:mapsTo cwo:Label .

<!------- DEGREE DO PROFESSOR ----->

:ProfessorDegree
    a      awo:ElementExhibitor ;
    awo:fromAttribute "degree";
    awo:fromContext "ctxProfessorAlpha";
    awo:blockElement "<div>"
    awo:mapsTo cwo:Label .

<!------- TELEFONE DO PROFESSOR ----->

:ProfessorPhoneComposition
    a      awo:CompositeInterfaceElement ;
    awo:fromContext "ctxProfessorAlpha" ;
    awo:hasInterfaceElement
        : ProfessorPhoneLabel , :ProfessorPhone ;
    awo:isRepeated "false"
    awo:mapsTo cwo:Composition .

:ProfessorPhoneLabel
    a      awo:ElementExhibitor ;
    awo:visualizationText "Ph:"
    awo:mapsTo cwo:Label .

:ProfessorPhone
    a      awo:ElementExhibitor ;
    awo:fromAttribute "phone"
    awo:mapsTo cwo:Label

<!------- ENDERECO DA HOMEPAGE DO PROFESSOR ----->

```

```

:ProfessorHomePageComposition
    a      awo:CompositeInterfaceElement ;
    awo:fromContext "ctxProfessorAlpha" ;
    awo:hasInterfaceElement
        : ProfessorPhoneLabel , :ProfessorPhone ;
    awo:isRepeated "false"
    awo:mapsTo cwo:Composition .

```

```

:ProfessorHomePageLabel
    a      awo:ElementExhibitor ;
    awo:visualizationText "HomePage:"
    awo:mapsTo cwo:Label .

```

```

:ProfessorHomePage
    a      awo:ElementExhibitor ;
    awo:fromAttribute "HomePage"
    awo:mapsTo cwo:Label

```

```

<!----- E-MAIL DO PROFESSOR ----->

```

```

:ProfessorEmailComposition
    a      awo:CompositeInterfaceElement ;
    awo:fromContext "ctxProfessorAlpha" ;
    awo:hasInterfaceElement
        : ProfessorPhoneLabel , :ProfessorPhone ;
    awo:isRepeated "false"
    awo:mapsTo cwo:Composition .

```

```

:ProfessorEmailLabel
    a      awo:ElementExhibitor ;
    awo:visualizationText "Email:"
    awo:mapsTo cwo:Label .

```

```

:ProfessorEmail
    a      awo:ElementExhibitor ;
    awo:fromAttribute "Email"
    awo:mapsTo cwo:Label

```

```
<!-- ***** -->
<!--          LISTA DOS ESTUDANTES DE UM PROFESSOR          -->
<!--***** -->
```

```
:StudentsByProfComposition
    a          awo:CompositeInterfaceElement ;
    awo:fromContext "ctxProfessorAlpha" ;
    awo:hasInterfaceElement
        :StudentByProfessorAlphaTitle,
        :StudentsByProfessorAlphaCompos ;
    awo:isRepeated "false"
    awo:mapsTo cwo:Composition.
```

```
<!------- TITULO DA LISTA DOS ESTUDANTES ----->
```

```
:StudentByProfessorAlphaTitle
    a          awo:ElementExhibitor ;
    awo:visualizationText "Students:" .
    awo:blockElement "<div>"
    awo:mapsTo cwo:Label .
```

```
<!------- LISTA DOS ESTUDANTES ----->
```

```
:StudentsByProfessorAlphaCompos
    a          awo:CompositeInterfaceElement ;
    awo:fromAttribute "students" ;
    awo:fromContext "students" ;
    awo:fromElement "ctxProfessorAlpha" ;
    awo:hasInterfaceElement
        :IdxStudentByProfessorAlpha ;
    awo:isRepeated "true";
    awo:blockElement "<div class='StudentList'>"
    awo:compositionTag "<li>" ;
    awo:mapsTo cwo:Composition.
```

```
:IdxStudentByProfessorAlpha
    a          awo:SimpleActivator ;
    awo:fromAttribute "name" ;
    awo:targetInterface "StudentByProfessor";
```

```
awo:mapsTo cwo:Link .
```

```
<!------- LINK PARA PROXIMO PROFESSOR ----->
```

```
:ProfessorAlphaNext
```

```
  a      awo:SimpleActivator ;  
  awo:fromAttribute "_NEXT" ;  
  awo:fromElement "ctxProfessorAlpha" ;  
  awo:targetInterface "ProfessorAlpha"  
  awo:mapsTo cwo:Link .
```

```
<!-- LINK PARA PROFESSOR ANTERIOR -->
```

```
:ProfessorAlphaPrevious
```

```
  a      awo:SimpleActivator ;  
  awo:fromAttribute "_PREV" ;  
  awo:fromElement "ctxProfessorAlpha" ;  
  awo:targetInterface "ProfessorAlpha"  
  awo:mapsTo cwo:Link .
```

## Anexo B – Geração da Página “CSS Zen Garden”

Neste anexo apresenta-se um caso de uso para demonstrar todos os passos do sistema proposto nessa dissertação. O caso de uso utilizado é de uma página da Web conhecida como “CSS Zen Garden” (<http://www.csszengarden.com>).

Nos sub anexos será apresenta a modelagem desta página, o arquivo JSP gerado pelo módulo AIC, o código HTML gerado pelo módulo CIR, a partir do arquivo JSP e por fim, o código HTML original da página.

### Modelagem Abstrata em Notação N3

```
@prefix cwo: <www.tecweb.inf.puc-rio.br:8080/ontology/CWO/cwo#>.
@prefix awo: <http://www.inf.puc-rio.br/~sabrina/ontology/AWO/awo#>.
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>.
@prefix owl: <http://www.w3.org/2002/07/owl#> .
@prefix : <http://www.inf.puc-rio.br/~sabrina/ontology/IA/csszengardenInterface.owl#> .

<http://www.inf.puc-rio.br/~sabrina/ontology/IA/csszengardenInterface#>
  a owl:Ontology ;
  owl:imports `
    <http://www.inf.puc-rio.br/~sabrina/ontology/AWO/awo.owl>,
    <http://www.inf.puc-rio.br/~sabrina/ontology/CWO/cwo.owl>.

:csszengardenInterface
  a awo:AbstractInterface ;
  awo:hasInterfaceElement
    :2oSubTitulo , :lista_resources , :CssZenGardenTitle ,
    :lista_estilos , :5oSubTitulo , :lista_archives ,
    :3oSubTitulo , :6oSubTitulo , :4oSubTitulo ,
    :1oSubTitulo , :fimPagina ;
```

```

awo:mapsTo cwo:Composition .

<!-- ----- -->
<!--          TITULO PRINCIPAL          -->
<!-- ----- -->

:CssZenGardenTitle
  a      awo:ElementExihibitor ;
awo:mapsTo cwo:Label ;
awo:visualizationText
  """
      <div id="container">
      <div id="intro">
      <div id="pageHeader">
      css Zen Garden"
  """   rdf:XMLLiteral ;
:blockElement "<h1><span>" .

<!-- ----- -->
<!--          1o SUBTITULO          -->
<!-- ----- -->

:1oSubTitulo
  a      awo:ElementExihibitor ;
awo:mapsTo cwo:Label ;
awo:visualizationText
  """
      <div id="preamble"><h2><span>The Beauty of
      <acronym title="Cascading Style
      Sheets">CSS</acronym> Design</span></h2></div>
      <div id="quickSummary">

      <p class="p1"><span>A demonstration of what
      can be accomplished visually through <acronym
      title="Cascading Style Sheets">CSS</acronym>-
      based design. Select any style sheet from the
      list to load it into this page.</span></p>

      <p class="p2"><span>Download the sample <a
      href="zengarden-sample.html" title="This
      page's source HTML code, not to be
      modified.">html file</a> and <a

```

```

href=\"zengarden-sample.css\" title=\"This
page's sample CSS, the file you may
modify.\">css file</a></span></p></div>
""" rdf:XMLLiteral .

```

```

<!-- ----- -->
<!--          2o SUBTITULO          -->
<!-- ----- -->
:2oSubTitulo
  a      awo:ElementExihibitor ;
  awo:mapsTo cwo:Label ;
  awo:visualizationText
    """
      <div id="preamble">
      <h3><span>The Road to Enlightenment</span></h3>
      <p class="p1"><span>Littering a dark and
      dreary road lay the past relics of browser-
      specific tags, incompatible <acronym
      title="Document Object Model">DOM</acronym>s,
      and broken <acronym title="Cascading Style
      Sheets">CSS</acronym> support.</span></p>

      <p class="p2"><span>Today, we must clear the
      mind of past practices. Web enlightenment has
      been achieved thanks to the tireless efforts of
      folk like the <acronym title="World Wide Web
      Consortium">W3C</acronym>, <acronym title="Web
      Standards Project">WaSP</acronym> and the major
      browser creators.</span></p>

      <p class="p3"><span>The css Zen Garden invites
      you to relax and meditate on the important
      lessons of the masters. Begin to see with
      clarity. Learn to use the (yet to be) time-
      honored techniques in new and invigorating
      fashion. Become one with the
      web.</span></p></div></div>

    """
  """ rdf:XMLLiteral .

```

```

<!-- ----- -->
<!--          3o SUBTITULO          -->
<!-- ----- -->
:3oSubTitulo
    a          awo:ElementExihibitor ;
    awo:mapsTo cwo:Label ;
    awo:visualizationText
        ""
            <div id="supportingText">
            <div id="explanation">
            <h3><span>So What is This About?</span></h3>
            <p class="p1"><span>There is clearly a need
            for          <acronym          title="Cascading          Style
            Sheets">CSS</acronym> to be taken seriously by
            graphic artists. The Zen Garden aims to excite,
            inspire, and encourage participation. To begin,
            view some of the existing designs in the list.
            Clicking on any one will load the style sheet
            into this very page. The code remains the same,
            the only thing that has changed is the external
            .css file. Yes, really.</span></p>

            <p class="p2"><span><acronym title="Cascading
            Style Sheets">CSS</acronym> allows complete and
            total control over the style of a hypertext
            document. The only way this can be illustrated
            in a way that gets people excited is by
            demonstrating what it can truly be, once the
            reins are placed in the hands of those able to
            create beauty from structure. To date, most
            examples of neat tricks and hacks have been
            demonstrated by structurists and coders.
            Designers have yet to make their mark. This
            needs to change.</span></p></div>

            "" rdf:XMLLiteral .

<!-- ----- -->
<!--          4o SUBTITULO          -->
<!-- ----- -->

```

```

:4oSubTitulo
a      awo:ElementExihibitor ;
awo:mapsTo cwo:Label ;
awo:visualizationText
      ""
      <div id="participation">
      <h3><span>Participation</span></h3>
      <p class="p1"><span>Graphic artists only
      please. You are modifying this page, so strong
      <acronym title="Cascading Style
      Sheets">CSS</acronym> skills are necessary, but
      the example files are commented well enough that
      even <acronym title="Cascading Style
      Sheets">CSS</acronym> novices can use them as
      starting points. Please see the <a
      href="http://www.mezzoblue.com/zengarden/resour
      ces/" title="A listing of CSS-related
      resources"><acronym title="Cascading Style
      Sheets">CSS</acronym> Resource Guide</a> for
      advanced tutorials and tips on working with
      <acronym title="Cascading Style
      Sheets">CSS</acronym>.</span></p>

      <p class="p2"><span>You may modify the style
      sheet in any way you wish, but not the <acronym
      title="HyperText Markup
      Language">HTML</acronym>. This may seem
      daunting at first if youâ€™ve never worked this
      way before, but follow the listed links to learn
      more, and use the sample files as a
      guide.</span></p>

      <p class="p3"><span>Download the sample <a
      href="zengarden-sample.html" title="This
      page's source HTML code, not to be
      modified.">html file</a> and <a
      href="zengarden-sample.css" title="This
      page's sample CSS, the file you may
      modify.">css file</a> to work on a copy
      locally. Once you have completed your
      masterpiece (and please, donâ€™t submit half-

```

```

finished work) upload your .css file to a web
server under your control. <a
href=\"http://www.mezzoblu.com/zengarden/submit
/\" title=\"Use the contact form to send us your
CSS file\">Send us a link</a> to the file and if
we choose to use it, we will spider the
associated images. Final submissions will be
placed on our server.</span></p></div>

```

```

""" rdf:XMLLiteral .

```

```

<!-- ----- -->

```

```

<!--          5o SUBTITULO          -->

```

```

<!-- ----- -->

```

```

:5oSubTitulo

```

```

a          awo:ElementExihibitor ;

```

```

awo:mapsTo cwo:Label ;

```

```

awo:visualizationText

```

```

"""

```

```

<div id="benefits">

```

```

<h3><span>Benefits</span></h3>

```

```

<p class="pl\"><span>Why participate? For
recognition, inspiration, and a resource we can
all refer to when making the case for <acronym
title=\"Cascading Style Sheets\">CSS</acronym>-
based design. This is sorely needed, even today.
More and more major sites are taking the leap,
but not enough have. One day this gallery will
be a historical curiosity; that day is not
today.</span></p></div>

```

```

""" rdf:XMLLiteral .

```

```

<!-- ----- -->

```

```

<!--          6o SUBTITULO          -->

```

```

<!-- ----- -->

```

```

:6oSubTitulo

```

```

a          awo:ElementExihibitor ;

```

```

awo:mapsTo cwo:Label ;

```

```

awo:visualizationText

```

```

"""

```

```
<div id="requirements">
<h3><span>Requirements</span></h3>
<p class="p1"><span>We would like to see as
much <acronym title="Cascading Style Sheets,
version 1">CSS1</acronym> as possible. <acronym
title="Cascading Style Sheets, version
2">CSS2</acronym> should be limited to widely-
supported elements only. The css Zen Garden is
about functional, practical <acronym
title="Cascading Style Sheets">CSS</acronym>
and not the latest bleeding-edge tricks viewable
by 2% of the browsing public. The only real
requirement we have is that your <acronym
title="Cascading Style Sheets">CSS</acronym>
validates.</span></p>
```

```
<p class="p2"><span>Unfortunately, designing
this way highlights the flaws in the various
implementations of <acronym title="Cascading
Style Sheets">CSS</acronym>. Different browsers
display differently, even completely valid
<acronym title="Cascading Style
Sheets">CSS</acronym> at times, and this
becomes maddening when a fix for one leads to
breakage in another. View the <a
href="http://www.mezzoblue.com/zengarden/resour
ces/" title="A listing of CSS-related
resources">Resources</a> page for information
on some of the fixes available. Full browser
compliance is still sometimes a pipe dream, and
we do not expect you to come up with pixel-
perfect code across every platform. But do test
in as many as you can. If your design doesnâ€™t
work in at least IE5+/Win and Mozilla (run by
over 90% of the population), chances are we
wonâ€™t accept it.</span></p>
```

```
<p class="p3"><span>We ask that you submit
original artwork. Please respect copyright laws.
Please keep objectionable material to a minimum;
```

tasteful nudity is acceptable, outright pornography will be rejected.</span></p>

```
<p class=\"p4\"><span>This is a learning exercise as well as a demonstration. You retain full copyright on your graphics (with limited exceptions, see <a href=\"http://www.mezzoblue.com/zengarden/submit/guidelines/\">submission guidelines</a>), but we ask you release your <acronym title=\"Cascading Style Sheets\">CSS</acronym> under a Creative Commons license identical to the <a href=\"http://creativecommons.org/licenses/sa/1.0/\" title=\"View the Zen Garden's license information.\">one on this site</a> so that others may learn from your work.</span></p>
```

```
<p class=\"p5\"><span>Bandwidth graciously donated by <a href=\"http://www.dreamfirestudios.com/\">DreamFire Studios</a></span></p></div>
```

```
<div id=\"footer\">
  <a href=\"http://validator.w3.org/check/referer\" title=\"Check the validity of this siteâ€™s XHTML\">xhtml</a>
  <a href=\"http://jigsaw.w3.org/css-validator/check/referer\" title=\"Check the validity of this siteâ€™s CSS\">css</a>
  <a href=\"http://creativecommons.org/licenses/by-nc-sa/1.0/\" title=\"View details of the license of this site, courtesy of Creative Commons.\">cc</a>
  <a href=\"http://bobby.watchfire.com/bobby/bobbyServlet?URL=http%3A%2F%2Fwww.mezzoblue.com%2Fzengarden%2F&amp;output=Submit&amp;g
```

```
l=sec508&test=\" title=\"Check the
accessibility of this site according to
U.S. Section 508\">508</a>
```

```
<a
href=\"http://bobby.watchfire.com/bobby/bo
bbyServlet?URL=http%3A%2F%2Fwww.mezzoblu.e.
com%2Fzengarden%2F&output=Submit&g
l=wcagl-aaa&test=\" title=\"Check the
accessibility of this site according to
WAI Content Accessibility Guidelines
1\">aaa</a>
```

```
</div>
```

```
</div>
```

```
""" rdf:XMLLiteral .
```

```
<!-- ----- -->
```

```
<!-- LISTA DOS ESTILOS -->
```

```
<!-- ----- -->
```

```
:lista_estilos
```

```
 a awo:ElementExihibitor ;
```

```
 awo:mapsTo cwo:Label ;
```

```
 awo:visualizationText
```

```
 """
```

```
 <div id="linkList">
```

```
 <div id="linkList2">
```

```
 <div id=\"lselect\">
```

```
 <h3 class=\"select\"><span>Select a
Design:</span></h3>
```

```
 <!-- list of links begins here. There will be no
more than 8 links per page -->
```

```
 <ul>
```

```
 <li><a accesskey=\"a\" href=\"/\
title=\"AccessKey: a\">Sample #1</a>
by <a class=\"c\"
href=\"http://www.mezzoblu.e.com/\
ave Shea</a> </li>
```

```
 <li><a accesskey=\"b\" href=\"/\
title=\"AccessKey: b\">Sample #2</a>
by <a class=\"c\"
```

```

href="http://www.mezzoblue.com/">D
ave Shea</a> </li>
<li><a accesskey="c" href="\\"
title="AccessKey: c">Sample #3</a>
by <a class="c"
href="http://www.mezzoblue.com/">D
ave Shea</a> </li>
<li><a accesskey="d" href="\\"
title="AccessKey: d">Sample #4</a>
by <a class="c"
href="http://www.mezzoblue.com/">D
ave Shea</a> </li>
<li><a accesskey="e" href="\\"
title="AccessKey: e">Sample #5</a>
by <a class="c"
href="http://www.mezzoblue.com/">D
ave Shea</a> </li>
<li><a accesskey="f" href="\\"
title="AccessKey: f">Sample #6</a>
by <a class="c"
href="http://www.mezzoblue.com/">D
ave Shea</a> </li>
<li><a accesskey="g" href="\\"
title="AccessKey: g">Sample #7</a>
by <a class="c"
href="http://www.mezzoblue.com/">D
ave Shea</a> </li>
<li><a accesskey="h" href="\\"
title="AccessKey: h">Sample #8</a>
by <a class="c"
href="http://www.mezzoblue.com/">D
ave Shea</a> </li>

```

```
</ul>
```

```
</div>
```

```
""" rdf:XMLLiteral .
```

```
<!-- ----- -->
```

```
<!-- LISTA DOS ARQUIVOS -->
```

```
<!-- ----- -->
```

```
:lista_archives
```

```

a      awo:ElementExihibitor ;
awo:mapsTo cwo:Label ;
awo:visualizationText
      ""
      <h3
class=\"archives\"><span>Archives:</span></h3>
      <ul>
          <li><a      accesskey=\"n\"      href=\"/\
title=\"View next set of designs.
AccessKey:      n\"><span
class=\"accesskey\">n</span>ext
design;</a> </li>
          <li><a      accesskey=\"p\"      href=\"/\
title=\"View previous set of designs.
AccessKey: p\">
<span class=\"accesskey\">p</span>revious
designs</a></li>
          <li><a      accesskey=\"w\"
href=\"http://www.mezzoblue.com/zengarden/
alldesigns/\"      title=\"View
every
submission to the Zen Garden. AccessKey:
w\">Vie<span class=\"accesskey\">w</span>
All Designs</a></li>
      </ul>
      "" rdf:XMLLiteral ;
:blockElement "<div id=\"larchives\">" .

```

```

<!-- ----- -->
<!--      LISTA DOS RECURSOS      -->
<!-- ----- -->
:lista_resources
a      awo:ElementExihibitor ;
awo:mapsTo cwo:Label ;
awo:visualizationText
      ""
      <h3
class=\"resources\"><span>Resources:</span></h3>
      <ul>
          <li><a      accesskey=\"v\"
href=\"http://www.csszengarden.com/001/001

```

```

.css\" title=\"View the source CSS file
for the currently-viewed design,
AccessKey:          v\"><span
class=\"accesskey\">V</span>iew This
Designâ€™s <acronym title=\"Cascading
Style Sheets\">CSS</acronym></a></li>
<li><a
          accesskey=\"r\"
href=\"http://www.mezzoblue.com/zengarden/
resources/\" title=\"Links to great sites
with information on using CSS. AccessKey:
r\"><acronym title=\"Cascading Style
Sheets\">CSS</acronym> <span
class=\"accesskey\">R</span>esources</a></
li>
<li><a
          accesskey=\"q\"
href=\"http://www.mezzoblue.com/zengarden/
faq/\" title=\"A list of Frequently Asked
Questions about the Zen Garden. AccessKey:
q\"><acronym title=\"Frequently Asked
Questions\">FA<span
class=\"accesskey\">Q</span></acronym></a>
</li>
<li><a
          accesskey=\"s\"
href=\"http://www.mezzoblue.com/zengarden/
submit/\" title=\"Send in your own CSS
file. AccessKey:
s\"><span
class=\"accesskey\">S</span>ubmit a
Design</a></li>
<li><a
          accesskey=\"t\"
href=\"http://www.mezzoblue.com/zengarden/
translations/\" title=\"View translated
versions of this page. AccessKey:
t\"><span
class=\"accesskey\">T</span>ranslations</a
></li>
</ul>
</div>
</div>
</div>
""" rdf:XMLLiteral ;
:blockElement "<div id=\"lresources\">" .

```

```

<!-- ----- -->
<!--          FIM DA PAGINA          -->
<!-- ----- -->
:fimPagina
  a      awo:ElementExihibitor ;
  awo:mapsTo cwo:Label ;
  awo:visualizationText
    ""
      <!-- These extra divs/spans may be used as
      catch-alls to add extra imagery. -->
      <!-- Add a background image to each and use
      width and height to control sizing, place with
      absolute positioning -->
      <div      id="extraDiv1"><span></span></div><div
      id="extraDiv2"><span></span></div>
      <div id="extraDiv3"><span></span></div>
      <div      id="extraDiv4"><span></span></div><div
      id="extraDiv5"><span></span></div>
      <div id="extraDiv6"><span></span></div>
    "" rdf:XMLLiteral ;

```

**Arquivo JSP Gerado pelo Sistema**

```

<%@ page contentType="text/html; charset=ISO-8859-1"
language="java" %>

<%@ page import="shdm.data.*" %>
<%@ taglib uri='/WEB-INF/tlds/utillsTeste.tld' prefix="shdm"%>

<html>
<head>
<style type="text/css" media="all">
    @import "sample.css";
</style>
<title>css Zen Garden: The Beauty in CSS Design</title>

</head>
<body>

<shdm:ElementExihibitor name="CssZenGardenTitle"
    mapsTo="Label"
    blockElement="<h1><span>">
    <shdm:VisualizationText>
        <div id="container">
            <div id="intro">
                <div id="pageHeader">
                    css Zen Garden
                </shdm:VisualizationText>
    </shdm:ElementExihibitor>

<shdm:ElementExihibitor name="loSubTitulo"
    mapsTo="Label">
    <shdm:VisualizationText>
        <h2><span>The Beauty of <acronym title="Cascading
Style Sheets">CSS</acronym> Design</span></h2></div>
        <div id="quickSummary">

            <p class="p1"><span>A demonstration of what can be
accomplished visually through <acronym
title="Cascading Style Sheets">CSS</acronym>-based

```

```
design. Select any style sheet from the list to load
it into this page.</span></p>
```

```
<p class="p2"><span>Download the sample <a
href="zengarden-sample.html" title="This page's
source HTML code, not to be modified.">html file</a>
and <a href="zengarden-sample.css" title="This
page's sample CSS, the file you may modify.">css
file</a></span></p></div>
```

```
</shdm:VisualizationText>
```

```
</shdm:ElementExihibitor>
```

```
<shdm:ElementExihibitor name="2oSubTitulo"
```

```
mapsTo="Label">
```

```
<shdm:VisualizationText>
```

```
<div id="preamble">
```

```
<h3><span>The Road to Enlightenment</span></h3>
```

```
<p class="p1"><span>Littering a dark and dreary road
lay the past relics of browser-specific tags,
incompatible<acronym title="Document Object
Model">DOM</acronym>s, and broken <acronym
title="Cascading Style Sheets">CSS</acronym>
support.</span></p>
```

```
<p class="p2"><span>Today, we must clear the mind of
past practices. Web enlightenment has been achieved
thanks to the tireless efforts of folk like the
<acronym title="World Wide Web
Consortium">W3C</acronym>, <acronym title="Web
Standards Project">WaSP</acronym> and the major
browser creators.</span></p>
```

```
<p class="p3"><span>The css Zen Garden invites you to
relax and meditate on the important lessons of the
masters. Begin to see with clarity. Learn to use the
(yet to be) time-honored techniques in new and
invigorating fashion. Become one with the
web.</span></p></div></div>
```

```
</shdm:VisualizationText>
```

```
</shdm:ElementExihibitor>
```

```
<shdm:ElementExihibitor name="3oSubTitulo"
  mapsTo="Label">
  <shdm:VisualizationText>
    <div id="supportingText">
      <div id="explanation">
        <h3><span>So What is This About?</span></h3>
        <p class="p1"><span>There is clearly a need for
        <acronym title="Cascading Style Sheets">CSS</acronym>
        to be taken seriously by graphic artists. The Zen
        Garden aims to excite, inspire, and encourage
        participation. To begin, view some of the existing
        designs in the list. Clicking on any one will load the
        style sheet into this very page. The code remains the
        same, the only thing that has changed is the external
        .css file. Yes, really.</span></p>

        <p class="p2"><span><acronym title="Cascading Style
        Sheets">CSS</acronym> allows complete and total
        control over the style of a hypertext document. The
        only way this can be illustrated in a way that gets
        people excited is by demonstrating what it can truly
        be, once the reins are placed in the hands of those
        able to create beauty from structure. To date, most
        examples of neat tricks and hacks have been
        demonstrated by structurists and coders. Designers
        have yet to make their mark. This needs to
        change.</span></p></div>
      </shdm:VisualizationText>
    </shdm:ElementExihibitor>
```

```
<shdm:ElementExihibitor name="4oSubTitulo"
  mapsTo="Label">
  <shdm:VisualizationText>
    <div id="participation">
      <h3><span>Participation</span></h3>
      <p class="p1"><span>Graphic artists only please. You
      are modifying this page, so strong <acronym
```

```

title="Cascading Style Sheets">CSS</acronym> skills
are necessary, but the example files are commented
well enough that even <acronym title="Cascading Style
Sheets">CSS</acronym> novices can use them as starting
points. Please see the <a
href="http://www.mezzoblue.com/zengarden/resources/"
title="A listing of CSS-related resources"><acronym
title="Cascading Style Sheets">CSS</acronym> Resource
Guide</a> for advanced tutorials and tips on working
with <acronym title="Cascading Style
Sheets">CSS</acronym>.</span></p>
<p class="p2"><span>You may modify the style sheet in
any way you wish, but not the <acronym
title="HyperText Markup Language">HTML</acronym>. This
may seem daunting at first if you've never worked this
way before, but follow the listed links to learn more,
and use the sample files as a guide.</span></p>
<p class="p3"><span>Download the sample <a
href="zengarden-sample.html" title="This page's source
HTML code, not to be modified.">html file</a> and <a
href="zengarden-sample.css" title="This page's sample
CSS, the file you may modify.">css file</a> to work on
a copy locally. Once you have completed your
masterpiece (and please, don't submit half-finished
work) upload your .css file to a web server under your
control. <a
href="http://www.mezzoblue.com/zengarden/submit/"
title="Use the contact form to send us your CSS
file">Send us a link</a> to the file and if we choose
to use it, we will spider the associated images. Final
submissions will be placed on our
server.</span></p></div>

```

```
</shdm:VisualizationText>
```

```
</shdm:ElementExihibitor>
```

```
<shdm:ElementExihibitor name="5oSubTitulo"
```

```
mapsTo="Label">
```

```
<shdm:VisualizationText>
```

```
<div id="benefits">
```

```
<h3><span>Benefits</span></h3>
```

```
<p class="p1"><span>Why participate? For recognition,
inspiration, and a resource we can all refer to when
making the case for <acronym title="Cascading Style
Sheets">CSS</acronym>-based design. This is sorely
needed, even today. More and more major sites are
taking the leap, but not enough have. One day this
gallery will be a historical curiosity; that day is
not today.</span></p></div>
```

```
</shdm:VisualizationText>
```

```
</shdm:ElementExihibitor>
```

```
<shdm:ElementExihibitor name="6oSubTitulo"
```

```
mapsTo="Label">
```

```
<shdm:VisualizationText>
```

```
<div id="requirements">
```

```
<h3><span>Requirements</span></h3>
```

```
<p class="p1"><span>We would like to see as much
<acronym title="Cascading Style Sheets, version
1">CSS1</acronym> as possible. <acronym
title="Cascading Style Sheets, version
2">CSS2</acronym> should be limited to widely-
supported elements only. The css Zen Garden is about
functional, practical <acronym title="Cascading Style
Sheets">CSS</acronym> and not the latest bleeding-edge
tricks viewable by 2% of the browsing public. The only
real requirement we have is that your <acronym
title="Cascading Style Sheets">CSS</acronym>
validates.</span></p>
```

```
<p class="p2"><span>Unfortunately, designing this way
highlights the flaws in the various implementations of
<acronym title="Cascading Style Sheets">CSS</acronym>.
Different browsers display differently, even
completely valid <acronym title="Cascading Style
Sheets">CSS</acronym> at times, and this becomes
maddening when a fix for one leads to breakage in
another. View the <a
href="http://www.mezzoblue.com/zengarden/resources/"
title="A listing of CSS-related
resources">Resources</a> page for information on some
```

of the fixes available. Full browser compliance is still sometimes a pipe dream, and we do not expect you to come up with pixel-perfect code across every platform. But do test in as many as you can. If your design doesn't work in at least IE5+/Win and Mozilla (run by over 90% of the population), chances are we won't accept it.</span></p>

<p class="p3"><span>We ask that you submit original artwork. Please respect copyright laws. Please keep objectionable material to a minimum; tasteful nudity is acceptable, outright pornography will be rejected.</span></p>

<p class="p4"><span>This is a learning exercise as well as a demonstration. You retain full copyright on your graphics (with limited exceptions, see <a href="http://www.mezzoblue.com/zengarden/submit/guidelines/">submission guidelines</a>), but we ask you release your <acronym title="Cascading Style Sheets">CSS</acronym> under a Creative Commons license identical to the <a href="http://creativecommons.org/licenses/sa/1.0/" title="View the Zen Garden's license information.">one on this site</a> so that others may learn from your work.</span></p>

<p class="p5"><span>Bandwidth graciously donated by <a href="http://www.dreamfirestudios.com/">DreamFire Studios</a></span></p></div>

<div id="footer">  
 <a href="http://validator.w3.org/check/referer" title="Check the validity of this site's XHTML">xhtml</a>  
 <a href="http://jigsaw.w3.org/css-validator/check/referer" title="Check the validity of this site's CSS">css</a>  
 <a href="http://creativecommons.org/licenses/by-nc-sa/1.0/" title="View details of the license

```

of this site, courtesy of Creative
Commons.">cc</a>
<a
href="http://bobby.watchfire.com/bobby/bobbyServ
let?URL=http%3A%2F%2Fwww.mezzoblue.com%2Fzengard
en%2F&amp;output=Submit&amp;gl=sec508&amp;test="
title="Check the accessibility of this site
according to U.S. Section 508">508</a>
<a
href="http://bobby.watchfire.com/bobby/bobbyServ
let?URL=http%3A%2F%2Fwww.mezzoblue.com%2Fzengard
en%2F&amp;output=Submit&amp;gl=wcag1-
aaa&amp;test=" title="Check the accessibility of
this site according to WAI Content Accessibility
Guidelines 1">aaa</a>
</div>
</div>
</shdm:VisualizationText>
</shdm:ElementExihibitor>

<shdm:ElementExihibitor name="lista_estilos"
mapsTo="Label">
<shdm:VisualizationText>
<div id="linkList">
<div id="linkList2">
<div id="lselect">
<h3 class="select"><span>Select a Design:</span></h3>
<!-- list of links begins here. There will be no more
than 8 links per page -->
<ul>
<li><a          accesskey="a"          href="/"
title="AccessKey: a">Sample #1</a> by <a
class="c"
href="http://www.mezzoblue.com/">Dave
Shea</a> </li>
<li><a          accesskey="b"          href="/"
title="AccessKey: b">Sample #2</a> by <a
class="c"
href="http://www.mezzoblue.com/">Dave
Shea</a> </li>

```

```

        <li><a          accesskey="c"          href="/"
        title="AccessKey:  c">Sample #3</a> by <a
        class="c"
        href="http://www.mezzoblue.com/">Dave
        Shea</a> </li>
        <li><a          accesskey="d"          href="/"
        title="AccessKey:  d">Sample #4</a> by <a
        class="c"
        href="http://www.mezzoblue.com/">Dave
        Shea</a> </li>
        <li><a          accesskey="e"          href="/"
        title="AccessKey:  e">Sample #5</a> by <a
        class="c"
        href="http://www.mezzoblue.com/">Dave
        Shea</a> </li>
        <li><a          accesskey="f"          href="/"
        title="AccessKey:  f">Sample #6</a> by <a
        class="c"
        href="http://www.mezzoblue.com/">Dave
        Shea</a> </li>
        <li><a          accesskey="g"          href="/"
        title="AccessKey:  g">Sample #7</a> by <a
        class="c"
        href="http://www.mezzoblue.com/">Dave
        Shea</a> </li>
        <li><a          accesskey="h"          href="/"
        title="AccessKey:  h">Sample #8</a> by <a
        class="c"
        href="http://www.mezzoblue.com/">Dave
        Shea</a> </li>
    </ul>
</div>
</shdm:VisualizationText>
</shdm:ElementExihibitor>

<shdm:ElementExihibitor name="lista_archives"
    mapsTo="Label"
    blockElement="<div id='larchives'>">
<shdm:VisualizationText>
    <h3 class="archives"><span>Archives:</span></h3>

```

```

<ul>
  <li><a accesskey="n" href="/" title="View next set
of designs. AccessKey: n"><span
class="accesskey">n</span>ext design;</a> </li>
  <li><a accesskey="p" href="/" title="View previous
set of designs. AccessKey: p">
<span class="accesskey">p</span>revious
designs</a></li>
  <li><a
accesskey="w"
href="http://www.mezzoblue.com/zengarden/alldesign
s/" title="View every submission to the Zen
Garden. AccessKey: w">Vie<span
class="accesskey">w</span> All Designs</a></li>
</ul>
</shdm:VisualizationText>
</shdm:ElementExihibitor>

<shdm:ElementExihibitor name="lista_resources"
blockElement="<div id='lresources'>"
mapsTo="Label">
<shdm:VisualizationText>
  <h3 class="resources"><span>Resources:</span></h3>
  <ul>
    <li><a
accesskey="v"
href="http://www.csszengarden.com/001/001.css"
title="View the source CSS file for the currently-
viewed design, AccessKey: v"><span
class="accesskey">V</span>iew This Design's
<acronym title="Cascading
Style
Sheets">CSS</acronym></a></li>
    <li><a
accesskey="r"
href="http://www.mezzoblue.com/zengarden/resources/
" title="Links to great sites with information on
using CSS. AccessKey: r"><acronym title="Cascading
Style
Sheets">CSS</acronym> <span
class="accesskey">R</span>esources</a></li>
    <li><a
accesskey="q"
href="http://www.mezzoblue.com/zengarden/faq/"
title="A list of Frequently Asked Questions about
the Zen Garden. AccessKey: q"><acronym

```

```

        title="Frequently Asked Questions">FAQQ</span></a> </li>
        <li><a
            accesskey="s"
            href="http://www.mezzoblue.com/zengarden/submit/"
            title="Send in your own CSS file. AccessKey:
            s"><span class="accesskey">ST

```

**Código HTML Gerado pelo Sistema**

```

<html>
<head>
<link      REL="STYLESHEET"      HREF="csszengardenSimples.css"
TYPE="text/css">
<title>Concrete Home Page</title>
</head>
<body>

<div id="container">
  <div id="intro">
    <div id="pageHeader">
      <h1><span>css Zen Garden</span></h1>

      <h2><span>The Beauty of <acronym title= "Cascading Style
Sheets">CSS</acronym>Design</span></h2>
    </div>
    <div id="quickSummary">
      <p class="p1"><span>A demonstration of what can be
accomplished      visually      through      <acronym
title="Cascading Style Sheets">CSS</acronym>-based
design. Select any style sheet from the list to load
it into this page.</span></p>

      <p class="p2"><span>Download the sample <a
href="zengarden-sample.html" title="This page's source
HTML code, not to be modified.">html file</a> and <a
href="zengarden-sample.css" title="This page's sample
CSS, the file you may modify.">css file</a></span></p>
    </div>

<div id="preamble">
<h3><span>The Road to Enlightenment </span></h3>
  <p class="p1"><span>Littering a dark and dreary road lay the
past relics of browser-specific tags, incompatible <acronym
title="Document Object Model">DOM</acronym>s, and broken
<acronym title="Cascading Style Sheets">CSS</acronym>
support.</span></p>

```

```
<p class="p2"><span>Today, we must clear the mind of past
practices. Web enlightenment has been achieved thanks to the
tireless efforts of folk like the <acronym title="World Wide
Web Consortium">W3C</acronym>, <acronym title="Web Standards
Project">WaSP</acronym> and the major browser
creators.</span></p>
```

```
<p class="p3"><span>The css Zen Garden invites you to relax
and meditate on the important lessons of the masters. Begin
to see with clarity. Learn to use the (yet to be) time-
honored techniques in new and invigorating fashion. Become
one with the web.</span></p>
```

```
</div>
```

```
</div>
```

```
<div id="supportingText">
```

```
<div id="explanation">
```

```
<h3><span>So What is This About?</span></h3>
```

```
<p class="p1"><span>There is clearly a need for <acronym
title="Cascading Style Sheets">CSS</acronym> to be taken
seriously by graphic artists. The Zen Garden aims to excite,
inspire, and encourage participation. To begin, view some of
the existing designs in the list. Clicking on any one will
load the style sheet into this very page. The code remains
the same, the only thing that has changed is the external
.css file. Yes, really.</span></p>
```

```
<p class="p2"><span><acronym title="Cascading Style
Sheets">CSS</acronym> allows complete and total control over
the style of a hypertext document. The only way this can be
illustrated in a way that gets people excited is by
demonstrating what it can truly be, once the reins are
placed in the hands of those able to create beauty from
structure. To date, most examples of neat tricks and hacks
have been demonstrated by structurists and coders. Designers
have yet to make their mark. This needs to
change.</span></p></div>
```

```
<div id="participation">
```

```
<h3><span>Participation</span></h3>
```

```
<p class="p1"><span>Graphic artists only please. You are
modifying this page, so strong <acronym title="Cascading
Style Sheets">CSS</acronym> skills are necessary, but the
example files are commented well enough that even <acronym
title="Cascading Style Sheets">CSS</acronym> novices can use
them as starting points. Please see the <a
href="http://www.mezzoblue.com/zengarden/resources/"
title="A listing of CSS-related resources"><acronym
title="Cascading Style Sheets">CSS</acronym> Resource
Guide</a> for advanced tutorials and tips on working with
<acronym title="Cascading Style
Sheets">CSS</acronym>.</span></p>
```

```
<p class="p2"><span>You may modify the style sheet in any
way you wish, but not the <acronym title="HyperText Markup
Language">HTML</acronym>. This may seem daunting at first if
you've never worked this way before, but follow the listed
links to learn more, and use the sample files as a
guide.</span></p>
```

```
<p class="p3"><span>Download the sample <a href="zengarden-
sample.html" title="This page's source HTML code, not to be
modified.">html file</a> and <a href="zengarden-sample.css"
title="This page's sample CSS, the file you may modify.">css
file</a> to work on a copy locally. Once you have completed
your masterpiece (and please, don't submit half-finished
work) upload your .css file to a web server under your
control. <a
href="http://www.mezzoblue.com/zengarden/submit/" title="Use
the contact form to send us your CSS file">Send us a
link</a> to the file and if we choose to use it, we will
spider the associated images. Final submissions will be
placed on our server.</span></p></div>
```

```
<div id="benefits">
```

```
<h3><span>Benefits</span></h3>
```

```
<p class="p1"><span>Why participate? For recognition,
inspiration, and a resource we can all refer to when making
the case for <acronym title="Cascading Style
Sheets">CSS</acronym>-based design. This is sorely needed,
```

even today. More and more major sites are taking the leap, but not enough have. One day this gallery will be a historical curiosity; that day is not today.</span></p></div>

```
<div id="requirements">
```

```
<h3><span>Requirements</span></h3>
```

```
<p class="p1"><span>We would like to see as much <acronym
title="Cascading Style Sheets, version 1">CSS1</acronym> as
possible. <acronym title="Cascading Style Sheets, version
2">CSS2</acronym> should be limited to widely-supported
elements only. The css Zen Garden is about functional,
practical <acronym title="Cascading Style
Sheets">CSS</acronym> and not the latest bleeding-edge
tricks viewable by 2% of the browsing public. The only real
requirement we have is that your <acronym title="Cascading
Style Sheets">CSS</acronym> validates.</span></p>
```

```
<p class="p2"><span> Unfortunately, designing this way
highlights the flaws in the various implementations of
<acronym title="Cascading Style Sheets">CSS</acronym>.
Different browsers display differently, even completely
valid <acronym title="Cascading Style Sheets">CSS</acronym>
at times, and this becomes maddening when a fix for one
leads to breakage in another. View the <a
href="http://www.mezzoblue.com/zengarden/resources/"
title="A listing of CSS-related resources">Resources</a>
page for information on some of the fixes available. Full
browser compliance is still sometimes a pipe dream, and we
do not expect you to come up with pixel-perfect code across
every platform. But do test in as many as you can. If your
design doesn't work in at least IE5+/Win and Mozilla (run by
over 90% of the population), chances are we won't accept
it.</span></p>
```

```
<p class="p3"><span>We ask that you submit original artwork.
Please respect copyright laws. Please keep objectionable
material to a minimum; tasteful nudity is acceptable,
outright pornography will be rejected.</span></p>
```

```
<p class="p4"><span>This is a learning exercise as well as a
demonstration. You retain full copyright on your graphics
(with limited exceptions, see <a
href="http://www.mezzoblue.com/zengarden/submit/guidelines/"
>submission guidelines</a>), but we ask you release your
<acronym title="Cascading Style Sheets">CSS</acronym> under
a Creative Commons license identical to the <a
href="http://creativecommons.org/licenses/sa/1.0/"
title="View the Zen Garden's license information.">one on
this site</a> so that others may learn from your
work.</span></p>
```

```
<p class="p5"><span>Bandwidth graciously donated by <a
href="http://www.dreamfirestudios.com/">DreamFire
Studios</a></span></p></div>
```

```
<div id="footer">
  <a href="http://validator.w3.org/check/referer"
  title="Check the validity of this site's
  XHTML">xhtml</a>
  <a href="http://jigsaw.w3.org/css-
  validator/check/referer" title="Check the validity of
  this site's CSS">css</a>
  <a href="http://creativecommons.org/licenses/by-nc-
  sa/1.0/" title="View details of the license of this
  site, courtesy of Creative Commons.">cc</a>
  <a
  href="http://bobby.watchfire.com/bobby/bobbyServlet?UR
  L=http%3A%2F%2Fwww.mezzoblue.com%
  2Fzengarden%2F&output=Submit&gl=sec508&tes
  t=" title="Check the accessibility of this site
  according to U.S. Section 508">508</a>
  <a
  href="http://bobby.watchfire.com/bobby/bobbyServlet?UR
  L=http%3A%2F%2Fwww.mezzoblue.com%
  2Fzengarden%2F&output=Submit&gl=wcag1-
  aaa&test=" title="Check the accessibility of this
  site according to WAI Content Accessibility Guidelines
  1">aaa</a>
</div>
</div>
```

```

<div id="linkList">
<div id="linkList2">
<div id="lselect">
  <h3 class="select"><span>Select a Design:</span></h3>
  <!-- list of links begins here. There will be no more than 8
  links per page -->
  <ul>
    <li><a accesskey="a" href="/" title="AccessKey:
a">Sample #1</a> by <a class="c"
href="http://www.mezzoblue.com/">Dave Shea</a> </li>
    <li><a accesskey="b" href="/" title="AccessKey:
b">Sample #2</a> by <a class="c"
href="http://www.mezzoblue.com/">Dave Shea</a> </li>
    <li><a accesskey="c" href="/" title="AccessKey:
c">Sample #3</a> by <a class="c"
href="http://www.mezzoblue.com/">Dave Shea</a> </li>
    <li><a accesskey="d" href="/" title="AccessKey:
d">Sample #4</a> by <a class="c"
href="http://www.mezzoblue.com/">Dave Shea</a> </li>
    <li><a accesskey="e" href="/" title="AccessKey:
e">Sample #5</a> by <a class="c"
href="http://www.mezzoblue.com/">Dave Shea</a> </li>
    <li><a accesskey="f" href="/" title="AccessKey:
f">Sample #6</a> by <a class="c"
href="http://www.mezzoblue.com/">Dave Shea</a> </li>
    <li><a accesskey="g" href="/" title="AccessKey:
g">Sample #7</a> by <a class="c"
href="http://www.mezzoblue.com/">Dave Shea</a> </li>
    <li><a accesskey="h" href="/" title="AccessKey:
h">Sample #8</a> by <a class="c"
href="http://www.mezzoblue.com/">Dave Shea</a> </li>
  </ul>
</div>

<div id='larchives'>
<h3 class="archives"><span>Archives: </span></h3>
<ul>
  <li><a accesskey="n" href="/" title="View next set of
designs. AccessKey: n"><span
class="accesskey">n</span>ext design;</a> </li>

```

```

<li><a accesskey="p" href="/" title="View previous set
of designs. AccessKey: p">
<span class="accesskey">p</span>revious
designs</a></li>
<li><a accesskey="w"
href="http://www.mezzoblue.com/zengarden/alldesigns/"
title="View every submission to the Zen Garden.
AccessKey: w">Vie<span class="accesskey">w</span> All
Designs</a></li>
</ul>
</div>

```

```

<div id='lresources'>
<h3 class="resources"><span> Resources:</span></h3>
<ul>
<li><a accesskey="v"
href="http://www.csszengarden.com/001/001.css"
title="View the source CSS file for the currently-
viewed design, AccessKey: v"><span
class="accesskey">V</span>iew This Design's <acronym
title="Cascading Style Sheets">CSS</acronym></a></li>
<li><a accesskey="r"
href="http://www.mezzoblue.com/zengarden/resources/"
title="Links to great sites with information on using
CSS. AccessKey: r"><acronym title="Cascading Style
Sheets">CSS</acronym> <span
class="accesskey">R</span>esources</a></li>
<li><a accesskey="q"
href="http://www.mezzoblue.com/zengarden/faq/" title="A
list of Frequently Asked Questions about the Zen
Garden. AccessKey: q"><acronym title="Frequently Asked
Questions">FA<span
class="accesskey">Q</span></acronym></a> </li>
<li><a accesskey="s"
href="http://www.mezzoblue.com/zengarden/submit/"
title="Send in your own CSS file. AccessKey: s"><span
class="accesskey">S</span>ubmit a Design</a></li>
<li><a accesskey="t"
href="http://www.mezzoblue.com/zengarden/translations/"
title="View translated versions of this page.

```

```
        AccessKey:                                t"><span
        class="accesskey">T</span>ranslations</a></li>
    </ul>
</div>
</div>
</div>
</div>

<!-- These extra divs/spans may be used as catch-alls to add extra
imagery. -->
<!-- Add a background image to each and use width and height to
control sizing, place with absolute positioning -->
<div                                id="extraDiv1"><span></span></div><div
id="extraDiv2"><span></span></div>
<div id="extraDiv3"><span></span></div>
<div                                id="extraDiv4"><span></span></div><div
id="extraDiv5"><span></span></div>
<div id="extraDiv6"><span></span></div>

</body>
</html>
```

**Código HTML Original**

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" >

<head>
<meta http-equiv="content-type" content="text/html; charset=iso-
8859-1" />
<meta name="author" content="Dave Shea" />
<meta name="keywords" content="design, css, cascading, style,
sheets, xhtml, graphic design, w3c, web standards, visual,
display" />
<meta name="description" content="A demonstration of what can be
accomplished visually through CSS-based design." />
<meta name="robots" content="all" />

<style type="text/css" media="all">
    @import "sample.css";
</style>
<title>css Zen Garden: The Beauty in CSS Design</title>
</head>

<body onload="window.defaultStatus='css Zen Garden: The Beauty in
CSS Design';" id="css-zen-garden">

    <div id="container">
        <div id="intro">
            <div id="pageHeader">
                <h1><span>css Zen Garden</span></h1>
                <h2><span>The Beauty of <acronym title="Cascading
Style Sheets">CSS</acronym> Design</span></h2>
            </div>

            <div id="quickSummary">
                <p class="p1"><span>A demonstration of what can
be accomplished visually through <acronym
title="Cascading Style Sheets">CSS</acronym>-
based design. Select any style sheet from the
list to load it into this page.</span></p>

```

```

<p class="p2"><span>Download the sample <a
href="zengarden-sample.html" title="This page's
source HTML code, not to be modified.">html
file</a> and <a href="zengarden-sample.css"
title="This page's sample CSS, the file you may
modify.">css file</a></span></p>
</div>

```

```

<div id="preamble">
<h3><span>The Road to Enlightenment</span></h3>
<p class="p1"><span>Littering a dark and dreary
road lay the past relics of browser-specific
tags, incompatible <acronym title="Document
Object Model">DOM</acronym>s, and broken
<acronym title="Cascading Style
Sheets">CSS</acronym> support.</span></p>

<p class="p2"><span>Today, we must clear the
mind of past practices. Web enlightenment has
been achieved thanks to the tireless efforts of
folk like the <acronym title="World Wide Web
Consortium">W3C</acronym>, <acronym title="Web
Standards Project">WaSP</acronym> and the major
browser creators.</span></p>

<p class="p3"><span>The css Zen Garden invites
you to relax and meditate on the important
lessons of the masters. Begin to see with
clarity. Learn to use the (yet to be) time-
honored techniques in new and invigorating
fashion. Become one with the web.</span></p>
</div>
</div>

```

```

<div id="supportingText">
<div id="explanation">
<h3><span>So What is This About?</span></h3>
<p class="p1"><span>There is clearly a need for
<acronym title="Cascading Style
Sheets">CSS</acronym> to be taken seriously by
graphic artists. The Zen Garden aims to excite,

```

inspire, and encourage participation. To begin, view some of the existing designs in the list. Clicking on any one will load the style sheet into this very page. The code remains the same, the only thing that has changed is the external .css file. Yes, really.</span></p>

```
<p class="p2"><span><acronym title="Cascading
Style Sheets">CSS</acronym> allows complete and
total control over the style of a hypertext
document. The only way this can be illustrated
in a way that gets people excited is by
demonstrating what it can truly be, once the
reins are placed in the hands of those able to
create beauty from structure. To date, most
examples of neat tricks and hacks have been
demonstrated by structurists and coders.
Designers have yet to make their mark. This
needs to change.</span></p>
```

```
</div>
```

```
<div id="participation">
```

```
<h3><span>Participation</span></h3>
```

```
<p class="p1"><span>Graphic artists only please.
You are modifying this page, so strong <acronym
title="Cascading Style Sheets">CSS</acronym>
skills are necessary, but the example files are
commented well enough that even <acronym
title="Cascading Style Sheets">CSS</acronym>
novices can use them as starting points. Please
see the <a
href="http://www.mezzoblue.com/zengarden/resourc
es/" title="A listing of CSS-related
resources"><acronym title="Cascading Style
Sheets">CSS</acronym> Resource Guide</a> for
advanced tutorials and tips on working with
<acronym title="Cascading Style
Sheets">CSS</acronym>.</span></p>
```

```
<p class="p2"><span>You may modify the style
sheet in any way you wish, but not the <acronym
```

```

title="HyperText Markup
Language">HTML</acronym>. This may seem daunting
at first if you've never worked this way
before, but follow the listed links to learn
more, and use the sample files as a
guide.</span></p>

```

```

<p class="p3"><span>Download the sample <a
href="zengarden-sample.html" title="This page's
source HTML code, not to be modified.">html
file</a> and <a href="zengarden-sample.css"
title="This page's sample CSS, the file you may
modify.">css file</a> to work on a copy locally.
Once you have completed your masterpiece (and
please, don't submit half-finished work)
upload your .css file to a web server under your
control. <a
href="http://www.mezzoblue.com/zengarden/submit/
" title="Use the contact form to send us your
CSS file">Send us a link</a> to the file and if
we choose to use it, we will spider the
associated images. Final submissions will be
placed on our server.</span></p>

```

```
</div>
```

```
<div id="benefits">
```

```
<h3><span>Benefits</span></h3>
```

```

<p class="p1"><span>Why participate? For
recognition, inspiration, and a resource we can
all refer to when making the case for <acronym
title="Cascading Style Sheets">CSS</acronym>-
based design. This is sorely needed, even today.
More and more major sites are taking the leap,
but not enough have. One day this gallery will
be a historical curiosity; that day is not
today.</span></p>

```

```
</div>
```

```
<div id="requirements">
```

```
<h3><span>Requirements</span></h3>
```

<p class="p1"><span>We would like to see as much <acronym title="Cascading Style Sheets, version 1">CSS1</acronym> as possible. <acronym title="Cascading Style Sheets, version 2">CSS2</acronym> should be limited to widely-supported elements only. The css Zen Garden is about functional, practical <acronym title="Cascading Style Sheets">CSS</acronym> and not the latest bleeding-edge tricks viewable by 2% of the browsing public. The only real requirement we have is that your <acronym title="Cascading Style Sheets">CSS</acronym> validates.</span></p>

<p class="p2"><span>Unfortunately, designing this way highlights the flaws in the various implementations of <acronym title="Cascading Style Sheets">CSS</acronym>. Different browsers display differently, even completely valid <acronym title="Cascading Style Sheets">CSS</acronym> at times, and this becomes maddening when a fix for one leads to breakage in another. View the <a href="http://www.mezzoblue.com/zengarden/resources/" title="A listing of CSS-related resources">Resources</a> page for information on some of the fixes available. Full browser compliance is still sometimes a pipe dream, and we do not expect you to come up with pixel-perfect code across every platform. But do test in as many as you can. If your design doesn't work in at least IE5+/Win and Mozilla (run by over 90% of the population), chances are we won't accept it.</span></p>

<p class="p3"><span>We ask that you submit original artwork. Please respect copyright laws. Please keep objectionable material to a minimum; tasteful nudity is acceptable, outright pornography will be rejected.</span></p>

```

<p class="p4"><span>This is a learning exercise
as well as a demonstration. You retain full
copyright on your graphics (with limited
exceptions, see <a
href="http://www.mezzoblue.com/zengarden/submit/
guidelines/">submission guidelines</a>), but we
ask you release your <acronym title="Cascading
Style Sheets">CSS</acronym> under a Creative
Commons license identical to the <a
href="http://creativecommons.org/licenses/sa/1.0
/" title="View the Zen Garden's license
information.">one on this site</a> so that
others may learn from your work.</span></p>

```

```

<p class="p5"><span>Bandwidth graciously donated
by <a
href="http://www.dreamfirestudios.com/">DreamFir
e Studios</a></span></p>

```

```
</div>
```

```
<div id="footer">
```

```

<a href="http://validator.w3.org/check/referer"
title="Check the validity of this site&#8217;s
XHTML">xhtml</a> &nbsp;

```

```

<a href="http://jigsaw.w3.org/css-
validator/check/referer" title="Check the
validity of this site&#8217;s CSS">css</a>
&nbsp;

```

```

<a href="http://creativecommons.org/licenses/by-
nc-sa/1.0/" title="View details of the license
of this site, courtesy of Creative
Commons.">cc</a> &nbsp;

```

```

<a
href="http://bobby.watchfire.com/bobby/bobbyServ
let?URL=http%3A%2F%2Fwww.mezzoblue.com%2Fzengard
en%2F&amp;output=Submit&amp;gl=sec508&amp;test="
title="Check the accessibility of this site
according to U.S. Section 508">508</a> &nbsp;

```

```

<a
href="http://bobby.watchfire.com/bobby/bobbyServ
let?URL=http%3A%2F%2Fwww.mezzoblue.com%2Fzengard

```

```

en%2F&amp;output=Submit&amp;gl=wcag1-
aaa&amp;test=" title="Check the accessibility of
this site according to WAI Content Accessibility
Guidelines 1">aaa</a>
</div>

```

```
</div>
```

```

<div id="linkList">
<!--extra div for flexibility - this list will probably be the
trickiest spot you'll deal with -->
  <div id="linkList2">
    <!-- If you're wondering about the extra &nbsp; at the end of
    the link, it's a hack to meet WCAG 1 Accessibility. -->
    <!-- I don't like having to do it, but this is a visual
    exercise. It's a compromise. -->
    <div id="lselect">
      <h3 class="select"><span>Select a Design:</span></h3>
      <!-- list of links begins here. There will be no more than 8
      links per page -->
      <ul>
        <li><a href="/" title="AccessKey: a"
        accesskey="a">Sample #1</a> by <a
        href="http://www.mezzoblue.com/" class="c">Dave
        Shea</a>&nbsp;</li>
        <li><a href="/" title="AccessKey: b"
        accesskey="b">Sample #2</a> by <a
        href="http://www.mezzoblue.com/" class="c">Dave
        Shea</a>&nbsp;</li>
        <li><a href="/" title="AccessKey: c"
        accesskey="c">Sample #3</a> by <a
        href="http://www.mezzoblue.com/" class="c">Dave
        Shea</a>&nbsp;</li>
        <li><a href="/" title="AccessKey: d"
        accesskey="d">Sample #4</a> by <a
        href="http://www.mezzoblue.com/" class="c">Dave
        Shea</a>&nbsp;</li>
        <li><a href="/" title="AccessKey: e"
        accesskey="e">Sample #5</a> by <a

```

```

href="http://www.mezzoblue.com/" class="c">Dave
Shea</a>&nbsp;</li>
<li><a href="/" title="AccessKey: f"
accesskey="f">Sample #6</a> by <a
href="http://www.mezzoblue.com/" class="c">Dave
Shea</a>&nbsp;</li>
<li><a href="/" title="AccessKey: g"
accesskey="g">Sample #7</a> by <a
href="http://www.mezzoblue.com/" class="c">Dave
Shea</a>&nbsp;</li>
<li><a href="/" title="AccessKey: h"
accesskey="h">Sample #8</a> by <a
href="http://www.mezzoblue.com/" class="c">Dave
Shea</a>&nbsp;</li>
</ul>
</div>

<div id="larchives">
<h3 class="archives"><span>Archives:</span></h3>
<ul>
<li><a href="/" title="View next set of designs.
AccessKey: n" accesskey="n"><span
class="accesskey">n</span>ext
&raquo;</a>&nbsp;</li>
<li><a href="/" title="View previous set of
designs. AccessKey: p" accesskey="p">&laquo;
<span class="accesskey">p</span>revious
designs</a></li>
<li><a
href="http://www.mezzoblue.com/zengarden/alldesi
gns/" title="View every submission to the Zen
Garden. AccessKey: w" accesskey="w">Vie<span
class="accesskey">w</span> All Designs</a></li>
</ul>
</div>

<div id="lresources">
<h3 class="resources"><span>Resources:</span></h3>
<ul>
<li><a
href="http://www.csszengarden.com/001/001.css"

```

```

        title="View the source CSS file for the
        currently-viewed design, AccessKey: v"
        accesskey="v"><span
        class="accesskey">V</span>iew This
        Design&#8217;s <acronym title="Cascading Style
        Sheets">CSS</acronym></a></li>
        <li><a
        href="http://www.mezzoblue.com/zengarden/resourc
        es/" title="Links to great sites with
        information on using CSS. AccessKey: r"
        accesskey="r"><acronym title="Cascading Style
        Sheets">CSS</acronym> <span
        class="accesskey">R</span>esources</a></li>
        <li><a
        href="http://www.mezzoblue.com/zengarden/faq/"
        title="A list of Frequently Asked Questions
        about the Zen Garden. AccessKey: q"
        accesskey="q"><acronym title="Frequently Asked
        Questions">FA<span
        class="accesskey">Q</span></acronym></a>&nbsp;</
        li>
        <li><a
        href="http://www.mezzoblue.com/zengarden/submit/
        " title="Send in your own CSS file. AccessKey:
        s" accesskey="s"><span
        class="accesskey">S</span>ubmit a
        Design</a></li>
        <li><a
        href="http://www.mezzoblue.com/zengarden/transla
        tions/" title="View translated versions of this
        page. AccessKey: t" accesskey="t"><span
        class="accesskey">T</span>ranslations</a></li>
    </ul>
</div>
</div>
</div>
</div>
<!-- These extra divs/spans may be used as catch-alls to add extra
imagery. -->

```

```
<!-- Add a background image to each and use width and height to
control sizing, place with absolute positioning -->
<div
            id="extraDiv1"><span></span></div><div
id="extraDiv2"><span></span></div>
<div id="extraDiv3"><span></span></div>
<div
            id="extraDiv4"><span></span></div><div
id="extraDiv5"><span></span></div>
<div id="extraDiv6"><span></span></div>

</body>
</htm>
```