

How VIVO creates a page

- The home page
- A profile page
- The People page
- A back-end page

Some examples of how VIVO assembles web pages from Freemarker templates.

The home page

Like the title page of a book, it is not unusual for the home page of a web site to be different from all other pages. In the default VIVO theme, the most significant difference is that the search box is moved from the header to a more prominent location on the page.

The screenshot shows the VIVO home page with several sections highlighted by red boxes:

- header.ftl**: The top navigation bar containing the VIVO logo, a tagline "connect • share • discover", and links for "Index" and "Log in".
- menu.ftl**: The main navigation menu below the header, including links for "Home", "People", "Organizations", "Research", and "Events".
- identity.ftl**: The header area above the main content, which includes the "Welcome to VIVO" message and a brief description of VIVO's purpose.
- page-home.ftl**: The main content area featuring a search bar, a "Log in" form, and three primary navigation categories: "Research", "Faculty", and "Departments".
- footer.ftl**: The footer section at the bottom of the page, containing copyright information and links for "About" and "Support".

The following templates are used in the home page.

```

pageSetup.ftl
page-home.ftl
    head.ftl
        stylesheets.ftl
        headScripts.ftl
    identity.ftl
        languageSelector.ftl
menu.ftl
    developer.ftl
footer.ftl
    scripts.ftl
    googleAnalytics.ftl

```

Template	Purpose	From
pageSetup.ftl	Sets some class and formatting parameters.	Included in every page, by TemplateProcessingHelper.java
page-home.ftl	The special template used for the home page.	Specified as the page template by HomePageController.java, overriding the default page.ftl.
head.ftl	Creates the HTML <HEAD> tag.	Included by page-home.ftl.
stylesheets.ftl	Inserts links to CSS stylesheets.	Included by head.ftl.
headScripts.ftl	Inserts links to JavaScript files that must appear in the <HEAD> section of the page. These are somewhat unusual, since most JavaScript links appear at the end of the page.	Included by head.ftl.
identity.ftl	Draws the heading of the heading of the page, including the VIVO logo and the Index and Log in links.	Included by page-home.ftl.
languageSelector.ftl	Allows the user to select their preferred language. If the site supports only one language, this template has no effect.	Included by identity.ftl.
menu.ftl	Displays the page links (Home, People, etc.) at the top of the page.	Included by page-home.ftl.
developer.ftl	Displays the developer panel, used when testing and monitoring VIVO operation. If developer mode has not been enabled, this template produces nothing.	Included by menu.ftl.
footer.ftl	Draws the footer of the page, including the copyright notice, and the About and Support links.	Included by page-home.ftl.
scripts.ftl	Inserts links to JavaScript files. Compare to headScripts.ftl.	Included by footer.ftl.
googleAnalytics.ftl	Inserts JavaScript code to work with Google Analytics. By default, this is commented out, since each site will need to insert their own ID values in order to produce meaningful results.	Included by footer.ftl.

A profile page

By numbers, the vast majority of pages on a VIVO site are profile pages. These are all likely to be structured around the properties of each individual. However, the format can be very different depending on whether that individual is a person, an organization, or a research grant.

VIVO | **identity.ftl** connect • share • discover Index Log in search.ftl Search

Home People Organizations Research Events menu.ftl

page.ftl

Faculty, Jane Assistant Professor

Positions individual-positions.ftl

> Aeron Chair, [Henry Miller Institute](#) 2001 propStatement-personInPosition.ftl

Co-investigator Network individual-visualizationFoafPerson.ftl

Contact Info individual-contactInfo.ftl

jaf@mydomain.edu

Websites individual-webpage.ftl

<http://xkcd.com/> propStatement-webpage.ftl

Affiliation Research Contact View All individual-property-group-tabs.ftl

Affiliation

head of individual-properties.ftl

[Department of Redundancy Department](#) Lord High Executioner 2010 - 2014 propStatement-hasRole.ftl

Research

research overview individual-properties.ftl

Searching for the answer to life's big questions. propStatement-dataDefault.ftl

principal investigator on individual-properties.ftl

[Why is there Air?](#) 1963 propStatement-hasInvestigatorRole.ftl

[Funny Fellows](#) 2014 - propStatement-hasInvestigatorRole.ftl

Contact

full name individual-properties.ftl

Jane Faculty propStatement-fuName.ftl

footer.ftl

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The following templates are used in this particular profile page. As explained in the notes, the choice of templates is driven in part by the content of the page.

```

pageSetup.ftl
page.ftl
head.ftl
    stylesheets.ftl
    headScripts.ftl
identity.ftl
    languageSelector.ftl
search.ftl
menu.ftl
    developer.ftl
individual--foaf-person.ftl
    individual-setup.ftl
    individual-orcidInterface.ftl
    individual-contactInfo.ftl
    individual-webpage.ftl
        propStatement-webpage.ftl
    individual-visualizationFoafPerson.ftl
    individual-adminPanel.ftl
    individual-positions.ftl
        propStatement-personInPosition.ftl
    individual-overview.ftl
    individual-researchAreas.ftl
    individual-geographicFocus.ftl
individual-openSocial.ftl
individual-property-group-tabs.ftl
    individual-properties.ftl
        propStatement-hasRole.ftl
    individual-properties.ftl
        propStatement-dataDefault.ftl
        propStatement-hasInvestigatorRole.ftl
        propStatement-hasInvestigatorRole.ftl
    individual-properties.ftl
        propStatement-fullName.ftl
footer.ftl
    scripts.ftl
    googleAnalytics.ftl

```

Template	Purpose	From
pageSetup.ftl	as above.	
page.ftl	The master template for most VIVO pages.	Specified by <code>FreemarkerHttpServlet.java</code> .
head.ftl stylesheets. ftl headScripts. ftl identity.ftl languageSelector .ftl	as above.	
search.ftl	Draws the search box in the header of the page.	Included by <code>page.ftl</code> .
menu.ftl developer. ftl	as above.	
individual-- foaf-person.ftl	The main body of the profile page.	VIVO is configured to use this template as the body of a profile page for any <code>f</code> <code>oaf:Person</code> . You can change this configuration: see Class-specific templates for profile pages . This is specified in <code>initialTBoxAnnotations.n3</code> , and recognized by <code>Ind</code> <code>ividualResponseBuilder.java</code> and <code>IndividualTemplateLocator.java</code> .

individual-setup.ftl	Sets some basic values for the following templates to use.	Included by individual--foaf-person.ftl.
individual-orcidInterface.ftl	Implements the VIVO integration to ORCID. If this integration is not enabled, this template has no effect.	Included by individual--foaf-person.ftl.
individual-contactInfo.ftl	Displays the person's phone numbers and email addresses.	Included by individual--foaf-person.ftl.
individual-webpage.ftl	Displays the person's preferred web pages.	Included by individual--foaf-person.ftl.
propStatement-webpage.ftl	Displays a link to one of the person's preferred web pages.	VIVO is configured to use this template when displaying preferred web pages. You can change this configuration: see Custom List View Configurations. This is specified in listViewConfig-webpage.xml, which is specified in PropertyConfig.n3 and vivoListViewConfig.rdf.
individual-visualizationFoafPerson.ftl	Displays the visualization links for co-authors, co-investigators	Included by individual--foaf-person.ftl.
individual-adminPanel.ftl	Displays links for a VIVO administrator to use when editing this person's information	Included by individual--foaf-person.ftl.
individual-positions.ftl	Displays the positions that this person currently holds.	Included by individual--foaf-person.ftl.
propStatement-personInPosition.ftl	Displays one position that this person currently holds.	VIVO is configured to use this template when displaying positions. You can change this configuration: see Custom List View Configurations. This is specified in listViewConfig-personInPosition.xml, which is specified in PropertyConfig.n3.
individual-overview.ftl individual-researchAreas.ftl individual-geographicFocus.ftl	Display additional information about the person.	Included by individual--foaf-person.ftl.
individual-openSocial.ftl	Implements the VIVO integration to OpenSocial gadgets. If this integration is not enabled, this template has no effect.	You can configure VIVO to display OpenSocial gadgets on profile pages: see Using OpenSocial Gadgets. Included by individual--foaf-person.ftl.
individual-property-group-tabs.ftl	Displays the groups of properties for this person.	Included by individual--foaf-person.ftl.

individual-properties.ftl propStatement-hasRole.ftl individual-properties.ftl propStatement-dataDefault.ftl propStatement-hasInvestigatorRole.ftl propStatement-hasInvestigatorRole.ftl individual-properties.ftl propStatement-fullName.ftl	Each invocation of <code>individual-properties.ftl</code> displays a property group. Each subordinate template displays one property for this person.	Each reference to <code>individual-properties.ftl</code> is included by <code>individual-property-group-tabs.ftl</code> . VIVO is configured to use these subordinate templates when displaying research overview, roles, and names. You can change this configuration: see Custom List View Configurations .
footer.ftl scripts.ftl googleAnalytics.ftl	as above.	

The People page

The page management GUI provides an easy way for VIVO administrators to create simple pages. These pages may also be added to the menu bar. By default, VIVO is configured with eleven such pages. Five of them are listed in the menu.

VIVO | **identity.ftl** connect • share • discover

Index | Site Admin | root ▾

search.ftl

Home | > People | Organizations | Research | Events | **menu.ftl**

People **page-classgroup.ftl**

> Faculty Member (2)

Librarian (1)

Person (3)

Faculty Member
 > all A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Baker, Able

 Faculty, Jane
 Assistant Professor

menupage-browse.ftl

page.ftl

footer.ftl

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[About](#) | [Support](#)

The following templates are used in the People page, and in other pages that allow users to browse through a class group.

```

pageSetup.ftl
page.ftl
head.ftl
    stylesheets.ftl
    headScripts.ftl
identity.ftl
    languageSelector.ftl
search.ftl
menu.ftl
    developer.ftl
page-classgroup.ftl
    menupage-checkForData.ftl
    menupage-browse.ftl
    menupage-scripts.ftl
footer.ftl
    scripts.ftl
    googleAnalytics.ftl

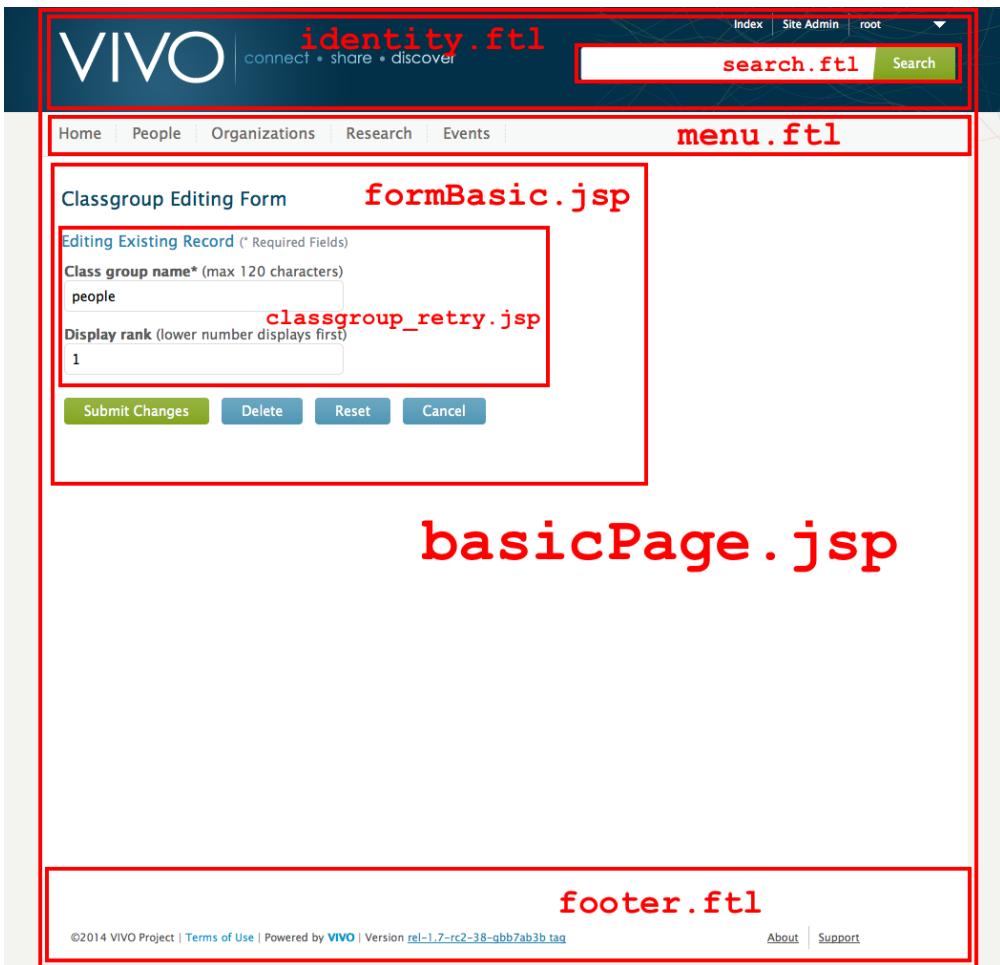
```

Template	Purpose	From
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pageSetup.ftl page.ftl head.ftl stylesheets.ftl headScripts.ftl identity.ftl languageSelector.ftl search.ftl menu.ftl developer.ftl	<i>as above.</i>	
page-classgroup.ftl	Combines the components to create an AJAX-driven page that browses among the classes in a class group.	VIVO is configured to use this template in the People menu page page. You can change this configuration: see Page management . This template is invoked by <code>ClassGroupPageData.java</code> , which is assigned to the People page in <code>menu.n3</code> .
menupage-checkForData.ftl	Checks to see if the page will be empty. Displays messages suitable to a VIVO administrator or to another user, depending on who is viewing the page.	Included by <code>page-classgroup.ftl</code> .
menupage-browse.ftl	Creates the page context that will be filled by AJAX calls.	Included by <code>page-classgroup.ftl</code> .
menupage-scripts.ftl	Creates or links to the JavaScripts used in browsing among classes of individuals.	Included by <code>page-classgroup.ftl</code> .
footer.ftl scripts.ftl googleAnalytics.ftl	<i>as above.</i>	

A back-end page

VIVO provides several pages that allow administrators to edit the classes and properties in the ontology, and to create or adjust class groups and property groups. These pages are built around the older JSP (Java Server Pages) technology, although the header and footer are created from the same Freemaker templates as other pages.



The following templates and JSPs are used in creating this page.

```
basicPage.jsp
  head.ftl
    stylesheets.ftl
    headScripts.ftl
  identity.ftl
    languageSelector.ftl
  search.ftl
  menu.ftl
    developer.ftl
  formBasic.jsp
    classgroup_retry.jsp
  footer.ftl
    scripts.ftl
    googleAnalytics.ftl
```

Template	Purpose	From
basicPage.jsp	The master template for the VIVO back-end pages.	Specified by ClassgroupRetryController.java.
head.ftl stylesheets.ftl headScripts.ftl identity.ftl languageSelector.ftl search.ftl menu.ftl developer.ftl	as above.	
formBasic.jsp	A generic frame that provides title and buttons for an edit.	Specified by ClassgroupRetryController.java.

classgroup_retry.jsp	Shows the fields that may be edited for a class group.	Specified by ClassgroupRetryController.java.
footer.ftl scripts.ftl googleAnalytics.ftl	<i>as above.</i>	