

DotNetNuke Host Template

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Category: Installation



DotNetNuke Host Template

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DotNetNuke Host Template

Abstract

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The Install Template for DNN 3.0 (DotNetNuke.install)

General

Version 3.0 of DotNetNuke uses an install template to control the installation process. The template is an XML file and this document will explain the various nodes in the template and their uses.

<host>Node

The <host> node is the root node of the template. All other nodes are children of <host>. There are 8 immediate children

- ✧ **<description> child**
Provides a description of the template.
- ✧ **<schemascript> child**
Name of the Script file that builds the Database Schema (this file must be located in the folder indicated by the “providerPath” attribute of the default Data provider in web.config)
- ✧ **<datascript> child**
Name of the Script file that builds the required Database Data (this file must be located in the folder indicated by the “providerPath” attribute of the default Data provider in web.config)
- ✧ **<version> child**
The database version that the <schemascript>, <datascript> files build. This is usually the current version, but if the version is less than the current version then the appropriate upgrade scripts are run to make the database version = app version
- ✧ **<superuser> child**
Information about the superuser (Host Account) - see later

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✧ **<settings> child**

The default HostSettings for the application – the child nodes of this node correspond to the HostSettings table in the database, and are managed under the Host/Host Settings menu (after installation)

✧ **<desktopmodules> child**

The desktop modules to install for this installation – see later

✧ **<portal> child**

The default portal configuration – see later

<superuser> Node

The <superuser> node configures the default superuser (or host account). It has 5 immediate children.

✧ **<firstname> child**

The first name of the superuser

✧ **<lastname> child**

The last name of the superuser

✧ **<username> child**

The user name of the superuser

✧ **<password> child**

The password of the superuser

✧ **<email> child**

The email address of the superuser

<desktopmodules> Node

The <desktopmodules> node configures the desktopmodules to be installed. It has a number of <desktopmodule> nodes, one for each module to be installed. The schema for the <desktopmodule> nodes is similar to the structure used for custom modules in the dnn file. In fact the schema for the <desktopmodule> node is the same as the schema for the <folder> node in the dnn Module Installer file (see the Module Dev Guide for more info on these nodes) except that we are not adding files in this process so there are no <files> nodes.

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<portal> Node

The <portal> Node configures the default portal. It has 8 immediate child nodes.

- ✧ **<portalname> child**
The name of the portal (will display in the TitleBar)
- ✧ **<administrator> child**
Configures the Administrator User for the portal - has the same schema as the <superuser> node – see above
- ✧ **<description> child**
A description of the portal (used in the Html Page META Tags)
- ✧ **<keywords> child**
keywords for the portal (used in the Html Page META Tags)
- ✧ **<templatefile> child**
The filename of the template file used for the portal (must be physically located in the Portals/_default directory)
- ✧ **<homedirectory> child**
Sets the portal's home directory (usually left blank – defaults to Portals/[PortalId])
- ✧ **<portalalias> child**
Portal Aliases for the portal (usually left blank – defaults to the location where the installation runs)
- ✧ **<ischild> child**
Must be blank (future use)

Sample

```
<host>
  <description>This is the default DotNetNuke Host Installation Template</description>
  <schemascript>DotNetNuke.Schema.SqlDataProvider</schemascript>
  <datascript>DotNetNuke.Data.SqlDataProvider</datascript>
  <version>03.00.04</version>
  <superuser>
    <firstname>Host</firstname>
    <lastname>Account</lastname>
    <username>host</username>
    <password>host</password>
    <email>host</email>
  </superuser>
  <settings>
    <DemoPeriod></DemoPeriod>
    <DemoSignup>N</DemoSignup>
    <DisablePageTitleVersion>N</DisablePageTitleVersion>
    <DisableUsersOnline>N</DisableUsersOnline>
    <EncryptionKey></EncryptionKey>
```

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```
<FileExtensions>jpg, jpeg, jpe, gif, bmp, png, doc, xls, ppt, pdf, txt, xml, xsl, css, zip</FileExtensions>
  <HostCurrency>USD</HostCurrency>
  <HostEmail>support@dotnetnuke.com</HostEmail>
  <HostFee></HostFee>
  <HostPortalId>0</HostPortalId>
  <HostSpace></HostSpace>
  <HostTitle>DotNetNuke</HostTitle>
  <HostURL>www.dotnetnuke.com</HostURL>
  <PaymentProcessor>PayPal</PaymentProcessor>
  <PortalModule>Y</PortalModule>
  <ProcessorPassword></ProcessorPassword>
  <ProcessorUserId></ProcessorUserId>
  <ProxyPort></ProxyPort>
  <ProxyServer></ProxyServer>
  <SiteLogHistory>60</SiteLogHistory>
  <SMTPServer></SMTPServer>
  <UseCustomErrorMessages>Y</UseCustomErrorMessages>
  <UseFriendlyUrls>Y</UseFriendlyUrls>
  <UsersOnlineTime>20</UsersOnlineTime>
</settings>
<desktopmodules>
  <desktopmodule>
    <name>Announcements</name>
    <description>This module renders a list of announcements. Each announcement includes title, text and a "read more" link, and can be set to automatically expire after a particular date.</description>
    <version>01.00.00</version>

    <businesscontrollerclass>DotNetNuke.Modules.Announcements.AnnouncementsController, DotNetNuke.Modules.Announcements</businesscontrollerclass>
    <modules>
      <module>
        <friendlyname>Announcements</friendlyname>
        <controls>
          <control>
            <src>DesktopModules/Announcements/Announcements.ascx</src>
            <type>View</type>
            <helpurl></helpurl>
          </control>
          <control>
            <key>Edit</key>
            <title>Edit Announcements</title>

            <src>DesktopModules/Announcements/EditAnnouncements.ascx</src>
            <type>Edit</type>
            <helpurl></helpurl>
          </control>
        </controls>
      </module>
    </modules>
  </desktopmodule>
  <desktopmodule>
    <name>Contacts</name>
    <description>This module renders contact information for a group of people, for example a project team. Contacts includes an edit page, which allows authorized users to edit the Contacts data stored in the database.</description>
    <version>01.00.00</version>
    <businesscontrollerclass>DotNetNuke.Modules.Contacts.ContactController, DotNetNuke.Modules.Contacts</businesscontrollerclass>
    <modules>
      <module>
```

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```
<friendlyname>Contacts</friendlyname>
<controls>
  <control>
    <src>DesktopModules/Contacts/Contacts.ascx</src>
    <type>View</type>
    <helpurl></helpurl>
  </control>
  <control>
    <key>Edit</key>
    <title>Edit Contacts</title>
    <src>DesktopModules/Contacts/EditContacts.ascx</src>
    <type>Edit</type>
    <helpurl></helpurl>
  </control>
</controls>
</module>
</modules>
</desktopmodule>
<desktopmodule>
  <name>Discussions</name>
  <description>This module renders a group of message threads on a specific topic. Discussion includes a Read/Reply Message page, which allows authorized users to reply to existing messages or add a new message thread. The data for Discussion is stored in the SQL database.</description>
  <version>01.00.00</version>
  <businesscontrollerclass>DotNetNuke.Modules.Discussions.DiscussionController, DotNetNuke.Modules.Discussions</businesscontrollerclass>
  <modules>
    <module>
      <friendlyname>Discussions</friendlyname>
      <controls>
        <control>
          <src>DesktopModules/Discussions/Discussion.ascx</src>
          <type>View</type>
          <helpurl></helpurl>
        </control>
        <control>
          <key>Edit</key>
          <title>Edit Discussions</title>
          <src>DesktopModules/Discussions/DiscussDetails.ascx</src>
          <type>Anonymous</type>
          <helpurl></helpurl>
        </control>
      </controls>
    </module>
  </modules>
</desktopmodule>
<desktopmodule>
  <name>Documents</name>
  <description>This module renders a list of documents, including links to browse or download the document. Documents includes an edit page, which allows authorized users to edit the information about the Documents (for example, a friendly title) stored in the SQL database.</description>
  <version>01.00.00</version>
  <businesscontrollerclass>DotNetNuke.Modules.Documents.DocumentController, DotNetNuke.Modules.Documents</businesscontrollerclass>
  <modules>
    <module>
      <friendlyname>Documents</friendlyname>
      <controls>
        <control>
          <src>DesktopModules/Documents/Document.ascx</src>
          <type>View</type>
        </control>
      </controls>
    </module>
  </modules>
</desktopmodule>
```

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```
        <helpurl></helpurl>
    </control>
    <control>
        <key>Edit</key>
        <title>Edit Documents</title>
        <src>DesktopModules/Documents/EditDocs.ascx</src>
        <type>Edit</type>
        <helpurl></helpurl>
    </control>
</controls>
</module>
</modules>
</desktopmodule>
<desktopmodule>
    <name>Events</name>
    <description>This module renders a list of upcoming events, including time and
location. Individual events can be set to automatically expire from the list after a
particular date. Events includes an edit page, which allows authorized users to edit the
Events data stored in the SQL database.</description>
    <version>01.00.00</version>
    <businesscontrollerclass>DotNetNuke.Modules.Events.EventController,
DotNetNuke.Modules.Events</businesscontrollerclass>
    <modules>
        <module>
            <friendlyname>Events</friendlyname>
            <controls>
                <control>
                    <src>DesktopModules/Events/Events.ascx</src>
                    <type>View</type>
                    <helpurl></helpurl>
                </control>
                <control>
                    <key>Edit</key>
                    <title>Edit Events</title>
                    <src>DesktopModules/Events/EditEvents.ascx</src>
                    <type>Edit</type>
                    <helpurl></helpurl>
                </control>
                <control>
                    <key>Settings</key>
                    <title>Events Settings</title>
                    <src>DesktopModules/Events/Settings.ascx</src>
                    <type>Edit</type>
                    <helpurl></helpurl>
                </control>
            </controls>
        </module>
    </modules>
</desktopmodule>
<desktopmodule>
    <name>FAQs</name>
    <description>FAQs allow you to manage a list of Frequently Asked Questions and
their corresponding Answers.</description>
    <version>01.00.00</version>
    <businesscontrollerclass>DotNetNuke.Modules.FAQs.FAQsController,
DotNetNuke.Modules.FAQs</businesscontrollerclass>
    <modules>
        <module>
            <friendlyname>FAQs</friendlyname>
            <controls>
                <control>
                    <src>DesktopModules/FAQs/FAQs.ascx</src>
                    <type>View</type>
```

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```
                <helpurl></helpurl>
            </control>
        </control>
        <control>
            <key>Edit</key>
            <title>Edit FAQs</title>
            <src>DesktopModules/FAQs/EditFAQs.ascx</src>
            <type>Edit</type>
            <helpurl></helpurl>
        </control>
    </controls>
</module>
</modules>
</desktopmodule>
<desktopmodule>
    <name>Feedback</name>
    <description>Feedback allows visitors to send messages to the Administrator of
the portal.</description>
    <version>01.00.00</version>
    <businesscontrollerclass></businesscontrollerclass>
    <modules>
        <module>
            <friendlyname>Feedback</friendlyname>
            <controls>
                <control>
                    <src>DesktopModules/Feedback/Feedback.ascx</src>
                    <type>View</type>
                    <helpurl></helpurl>
                </control>
                <control>
                    <key>Settings</key>
                    <title>Feedback Settings</title>
                    <src>DesktopModules/Feedback/Settings.ascx</src>
                    <type>Edit</type>
                    <helpurl></helpurl>
                </control>
            </controls>
        </module>
    </modules>
</desktopmodule>
<desktopmodule>
    <name>IFrame</name>
    <description>IFrame is an Internet Explorer browser feature which allows you to
display content from another website within a frame on your site.</description>
    <version>01.00.00</version>
    <businesscontrollerclass></businesscontrollerclass>
    <modules>
        <module>
            <friendlyname>IFrame</friendlyname>
            <controls>
                <control>
                    <src>DesktopModules/IFrame/IFrame.ascx</src>
                    <type>View</type>
                    <helpurl></helpurl>
                </control>
                <control>
                    <key>Edit</key>
                    <title>Edit IFrame</title>
                    <src>DesktopModules/IFrame/EditIFrame.ascx</src>
                    <type>Edit</type>
                    <helpurl></helpurl>
                </control>
            </controls>
        </module>
    </modules>
</desktopmodule>
```

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```
</modules>
</desktopmodule>
<desktopmodule>
  <name>Image</name>
  <description>This module renders an image using an HTML IMG tag. The module
  simply sets the IMG tags src attribute to a relative or absolute URL, so the image file
  does not need to reside within the portal. The module also exposes height and width
  attributes, which permits you to scale the image. Image includes an edit page, which
  persists these settings to the portals configuration file. </description>
  <version>01.00.00</version>
  <businesscontrollerclass></businesscontrollerclass>
  <modules>
    <module>
      <friendlyname>Image</friendlyname>
      <controls>
        <control>
          <src>DesktopModules/Images/ImageModule.ascx</src>
          <type>View</type>
          <helpurl></helpurl>
        </control>
        <control>
          <key>Edit</key>
          <title>Edit Image</title>
          <src>DesktopModules/Images/EditImage.ascx</src>
          <type>Edit</type>
          <helpurl></helpurl>
        </control>
      </controls>
    </module>
  </modules>
</desktopmodule>
<desktopmodule>
  <name>Links</name>
  <description>This module renders a list of hyperlinks. Links includes an edit
  page, which allows authorized users to edit the Links data stored in the SQL
  database.</description>
  <version>01.00.00</version>
  <businesscontrollerclass>DotNetNuke.Modules.Links.LinkController,
  DotNetNuke.Modules.Links</businesscontrollerclass>
  <modules>
    <module>
      <friendlyname>Links</friendlyname>
      <controls>
        <control>
          <src>DesktopModules/Links/Links.ascx</src>
          <type>View</type>
          <helpurl></helpurl>
        </control>
        <control>
          <key>Edit</key>
          <title>Edit Links</title>
          <src>DesktopModules/Links/EditLinks.ascx</src>
          <type>Edit</type>
          <helpurl></helpurl>
        </control>
        <control>
          <key>Settings</key>
          <title>Links Settings</title>
          <src>DesktopModules/Links/Settings.ascx</src>
          <type>Edit</type>
          <helpurl></helpurl>
        </control>
      </controls>
    </module>
  </modules>
</desktopmodule>
```

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```
        </module>
    </modules>
</desktopmodule>
<desktopmodule>
    <name>News Feeds (RSS)</name>
    <description>News Feed allows you to consume syndicated news feeds in Rich Site
Summary (RSS) format.</description>
    <version>01.00.00</version>
    <businesscontrollerclass></businesscontrollerclass>
    <modules>
        <module>
            <friendlyname>News Feeds (RSS)</friendlyname>
            <controls>
                <control>
                    <src>DesktopModules/News/RssModule.ascx</src>
                    <type>View</type>
                    <helpurl></helpurl>
                </control>
                <control>
                    <key>Edit</key>
                    <title>Edit News Feeds (RSS)</title>
                    <src>DesktopModules/News/EditRss.ascx</src>
                    <type>Edit</type>
                    <helpurl></helpurl>
                </control>
            </controls>
        </module>
    </modules>
</desktopmodule>
<desktopmodule>
    <name>Text/HTML</name>
    <description>This module renders a snippet of HTML or text. The Html/Text module
includes an edit page, which allows authorized users to the HTML or text snippets
directly. The snippets are stored in the SQL database.</description>
    <version>01.00.00</version>
    <businesscontrollerclass>DotNetNuke.Modules.Html.HtmlTextController,
DotNetNuke.Modules.Html</businesscontrollerclass>
    <modules>
        <module>
            <friendlyname>Text/HTML</friendlyname>
            <controls>
                <control>
                    <src>DesktopModules/HTML/HtmlModule.ascx</src>
                    <type>View</type>
                    <helpurl></helpurl>
                </control>
                <control>
                    <key>Edit</key>
                    <title>Edit Text/HTML</title>
                    <src>DesktopModules/HTML/EditHTML.ascx</src>
                    <type>Edit</type>
                    <helpurl></helpurl>
                </control>
            </controls>
        </module>
    </modules>
</desktopmodule>
<desktopmodule>
    <name>User Defined Table</name>
    <description>User Defined Table allows you to create a custom data table for
managing tabular information.</description>
    <version>01.00.00</version>
    <businesscontrollerclass></businesscontrollerclass>
```

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```

    <modules>
      <module>
        <friendlyname>User Defined Table</friendlyname>
        <controls>
          <control>

<src>DesktopModules/UserDefinedTable/UserDefinedTable.ascx</src>
          <type>View</type>
          <helpurl></helpurl>
        </control>
        <control>
          <key>Edit</key>
          <title>Edit User Defined Table</title>

<src>DesktopModules/UserDefinedTable/EditUserDefinedTable.ascx</src>
          <type>Edit</type>
          <helpurl></helpurl>
        </control>
        <control>
          <key>Manage UDT</key>
          <title>Manage UDT</title>

<src>DesktopModules/UserDefinedTable/ManageUserDefinedTable.ascx</src>
          <type>Edit</type>
          <helpurl></helpurl>
        </control>
      </controls>
    </module>
  </modules>
</desktopmodule>
<desktopmodule>
  <name>XML/XSL</name>
  <description>This module renders the result of an XML/XSL transform. The XML and
XSL files are identified by their UNC paths in the xmlsrc and xslsrc properties of the
module. The Xml/Xsl module includes an edit page, which persists these settings to the
SQL database.</description>
  <version>01.00.00</version>
  <businesscontrollerclass></businesscontrollerclass>
  <modules>
    <module>
      <friendlyname>XML/XSL</friendlyname>
      <controls>
        <control>
          <src>DesktopModules/XML/XmlModule.ascx</src>
          <type>View</type>
          <helpurl></helpurl>
        </control>
        <control>
          <key>Edit</key>
          <title>Edit XML/XSL</title>
          <src>DesktopModules/XML/EditXml.ascx</src>
          <type>Edit</type>
          <helpurl></helpurl>
        </control>
      </controls>
    </module>
  </modules>
</desktopmodule>
</desktopmodules>
<portal>
  <portalname>DotNetNuke</portalname>
  <administrator>
    <firstname>Administrator</firstname>

```

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```
<lastname>Account</lastname>
<username>admin</username>
<password>admin</password>
<email>admin</email>
</administrator>
<description>Default DotNetnuke Portal</description>
<keywords>Default, DotNetNuke, CMS, Web, Future</keywords>
<templatefile>DotNetNuke.template</templatefile>
<homedirectory>Portals/0</homedirectory>
<portalalias></portalalias>
<ischild>>false</ischild>
</portal>
</host>
```

Additional Information

The DotNetNuke Portal Application Framework is constantly being revised and improved. To ensure that you have the most recent version of the software and this document, please visit the DotNetNuke website at:

<http://www.dotnetnuke.com>

The following additional websites provide helpful information about technologies and concepts related to DotNetNuke:

DotNetNuke Community Forums

<http://www.dotnetnuke.com/tabid/795/Default.aspx>

Microsoft® ASP.Net

<http://www.asp.net>

Open Source

<http://www.opensource.org/>

W3C Cascading Style Sheets, level 1

<http://www.w3.org/TR/CSS1>

Errors and Omissions

If you discover any errors or omissions in this document, please email marketing@dotnetnuke.com. Please provide the title of the document, the page number of the error and the corrected content along with any additional information that will help us in correcting the error.

Appendix A: Document History

Version	Last Update	Author(s)	Changes
1.0.0	Aug 16, 2005	Shaun Walker	<ul style="list-style-type: none">Applied new template