

CONFIGURATON GUIDE

GVC.SITEMAKER

VERSION 4.1.1

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Project Sponsor: GVC Board of Directors

GVC.SiteMaker Deployment Instructions

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Introduction

This document describes the GVC.SiteMaker configuration changes that can be made by changing the contents of the GVCSiteMakerCustom.plist and GVCSiteMakerBootstrap.plist files which are found in the GVCSMCustom framework. Each installation of GVC.SiteMaker will have its own GVCSMCustom framework and hence its own configuration. For a new installation, the contents of these two configuration files should come from the Installation Configuration Worksheet (see next page).

This document will not discuss all the possible ways of customizing GVC.SiteMaker, only those available through changes to these two configuration files. A description of all the possible customizations can be found in /Install/Documentation/CustomizationGuide.pdf.

Most of the configuration items in these two files have defaults in the GVCSiteMaker.plist and GVCSiteMakerDebug.plist files found in the GVCSMCore. These files should be treated as factory defaults. The contents should never be altered to configure GVC.SiteMaker. Only the development team should ever change anything in these files.

Each configuration item is documented in this format:

ExampleConfigurationItemName

Default: Default value or 'None' **Required:** Yes

Example: ExampleConfigurationItemName = "example setting ";

Description: Brief description of what ExampleConfigurationItemName is for, and what values to use.

Note

- The default value is whatever is defined in the GVCSMCore framework.
- In most cases if the configuration item is required there will be a default value. If you do not specify a value, the default will be used. This is not the case, however, for installation specific items.
- If no value is given for a required configuration item the application will fail to launch and will print a diagnostic message about what is missing.
- The example given is a valid use of the configuration item exactly as it would appear in the configuration file.

Technical Notes

There are several configuration files which form a hierarchy of defaults. The configuration values are read from these files in a defined order. If the same item is defined in more than one file, the last definition read will be used. This allows defaults to be supplied in GVCSMCore and overridden as needed in GVCSMCustom. The files read, and the order they are read in are:

1. GVCSiteMaker.plist from GVCSMCore
2. GVCSiteMakerDebug.plist from GVCSMCore
3. GVCSiteMakerCustom.plist from GVCSMCustom
4. GVCSiteMakerBootstrap.plist from GVCSMCustom

The contents of these configuration files are kept in an instance of SMProperties available from the Application object.

- See these methods on SMAApplication in GVCSMCore for how to access the current application properties.
 - properties() - instance method for accessing the properties.
 - appProperties() - static method for accessing the properties.
- See the SMProperties class in GVCSMCore for details on how properties are handled and can be accessed.
- See these methods on SMAApplication in GVCSMCore for details on reading and validation of the configuration properties:
 - loadConfigurationFiles() - controls the order that the configuration files are read in.
 - performConfigurationDiagnostics() - verifies that all required configuration items are present.
- See the ReloadProperties sub-class of WODirectAction in GVCSMCore for a direct action to reload the properties for a running application (note that not all properties will properly reload at present as some are cached by other classes).

Bootstrap Configuration Items

RootUnitName

Default: None **Required:** Yes

Example: RootUnitName = "School of Hard Knocks";

Description: The name of the Root Unit (the Organizational Unit at the top of the hierarchy). This is created during bootstrap, but may be changed later.

AdminSiteName

Default: None **Required:** Yes

Example: AdminSiteName = "Administrator Site";

Description: This is the banner text for the Administrator site. Note that the Administrator Site ID is always 'admin'. Both of these can be changed after bootstrap.

AdminID

Default: None **Required:** Yes

Example: AdminID = "admin@gvcsitemaker.com";

Description: The User ID of the GVC.SiteMaker user to create as the system admin and Root Unit admin. This is the only user created at bootstrap.

AdminPassword

Default: None **Required:** Yes

Example: AdminPassword = "magicwand";

Description: The password of the GVC.SiteMaker user to create as the system admin and Root Unit admin. Something must be specified here even if AdminID is an external user, but it does not have to be the real password.

PublicGroupName

Default: None **Required:** Yes

Example: PublicGroupName = "Everyone";

Description: The name for the group containing all users, including the public, anonymous user. It is used to grant public access.

InternalUsersGroupName

Default: None **Required:** Yes

Example: InternalUsersGroupName = "Internal Users";

Description: The name for the group containing all of the Internal (using the institution's authentication system) Users. It is used to grant access to all these users in a single step. Note that this must be defined even if Internal Users are not being used.

SiteStyles

Default: None **Required:** Yes

Example:

```
SiteStyles = {
    BlueStyle = "Light blue with textured background";
    FlamingLogo = "Spinning, flaming logo";
};
```

Description: This is a dictionary to correlate each Style ID with the corresponding English Style Name. The StyleID must match <style ID>.html in the StyleTemplates directory:
<GVCSiteMaker_Root>/Local/Library/Frameworks/GVCSMCore.framework/Resources/StyleTemplates

DefaultStyle

Default: None **Required:** Yes

Example:

```
DefaultStyle = "BlueStyle";
```

Description: This Style ID is used to indicate the default style during bootstrap. It **must** match one of the above Style IDs in SiteStyles

LDAPServers

Default: None **Required:** No

Example:

```
LDAPServers = (
    {
        DisplayName="Online Directory";
        GroupSubTree="ou=User Groups,ou=Groups,dc=uni,dc=edu";
        UserSubTree="ou=People,dc=umich,dc=edu";
        UserIDAttribute="uid";
        LDAPEntityName="UmodGroup";
        Instructions="User instructions here, HTML is OK";
    },
    {
        DisplayName="Online Class Lists ";
        GroupSubTree ="ou=Class Groups,ou=Groups,dc=uni,dc=edu";
        UserSubTree="ou=People,dc=umich,dc=edu";
        UserIDAttribute="uid";
        LDAPEntityName="UStudentGroup";
        Instructions="User instructions here, HTML is OK";
    }
);
```

Description: LDAPServers is an array "(...)" of dictionaries "{...}" describing the LDAP services that can be used with LDAP access groups. The values for each individual LDAP service are:

DisplayName	the name that will be displayed to the user in the UI
GroupSubTree	Path from a Group to the root. Used to identify groups.
UserSubTree	Path from a user to the root. Used to identify people and to form a DN from a user ID.
UserIDAttribute	LDAP attribute identifying a user ID (often uid). Used to form a DN from a user ID.
LDAPEntityName	The Entity name from the EOModel for this LDAP group.
Instructions	optional, additional server specific information displayed to the user in the UI. HTML may be used here.

SectionTypes

Default: See example. **Required:** Yes

Example:

```
SectionTypes = (  
    {  
        name = "Text and/or Image";  
        order = "1";  
        key = "TextImage";  
        editorName = "TextImageEditor";  
        pageComponentEntity = "TextImageLayout";  
    },  
    {  
        name = "List of Links/Files";  
        order = "2";  
        key = "ListOfLinks";  
        editorName = "ListOfLinksEditor";  
        pageComponentEntity = "Layout";  
    },  
    {  
        name = "External URL";  
        order = "3";  
        key = "ExternalURL";  
        editorName = "ExternalURLEditor";  
        pageComponentEntity = "Hyperlink";  
    },  
    {  
        name = "Embedded Site";  
        order = "4";  
        key = "EmbeddedSite";  
        editorName = "EmbeddedSiteEditor";  
        pageComponentEntity = "EmbeddedSite";  
    }  
);
```

Description: SectionTypes are used to define the types of sections available in this installation. It is unlikely that this will change on an installation by installation basis and so the default is defined in GVCSMCore. Possible customizations are:

- Omit one of the types so that it is not desired for an installation.
- The name can be changes to something more descriptive for a particular installation.
- The order can be changed, this affects how they are displayed in the UI when the type of a new Section is being selected

Adding additional Section types will require code additons as well. The type, editorName, and pageComponentEntity are tied to code level items and should only be changed by the development team.

ColumnTypes

Default: See example. **Required:** Yes

Example:

```
ColumnTypes = (  
    {  
        name = "Number";  
        textDescription = "Number";  
        entityNameRestrictor = "";  
    },  
    {  
        name = "Memo";  
        textDescription = "Text";  
        entityNameRestrictor = "";  
    },  
    {  
        name = "Timestamp";  
        textDescription = "Date/Time";  
        entityNameRestrictor = "";
```

```

    },
    {
        name = "Lookup";
        textDescription = "Lookup List";
        entityNameRestrictor = "Lookup";
    },
    {
        name = "User";
        textDescription = "User";
        entityNameRestrictor = "";
    },
    {
        name = "SiteFile";
        textDescription = "File";
        entityNameRestrictor = "";
    }
});

```

Description: ColumnTypes are used to define the types of Columns (Fields) available for Database Tables in this installation. It is unlikely that this will change on an installation by installation basis and so the default is defined in GVCSMCore. The only possible customization is to change te textDescription. Adding additional column types will require code changes. The name and entityNameRestrictor are tied to code level items and should only be changed by the development team.

WYSIWYG/Rich Text Editor

In order to enable non-technical users to author web pages containing formatted text, images, lists, tables, etc., GVC.SiteMaker allows for the integration of various word processor-like editors. Many such editors have been developed, and have been categorized as "WYSIWYG" (What You See Is What You Get) or "Rich Text" editors. Currently, both of these terms are used, interchangeably, in GVC.SiteMaker, although we intend to converge on "Rich Text Editor", over time.

There are two places in GVC.SiteMaker where editors are used: Text/Image sections and Text fields in Data Access sections. The first editor to be integrated into GVC.SiteMaker was EditLive!, a proprietary Java application from Ephox <<http://www.ephox.com>>. This was subsequently replaced as the default editor by an open source JavaScript application, TinyMCE, developed by Moxiecode <<http://tinymce.moxiecode.com>>. Configuration items have been divided into groups according to whether they apply to a specific editor, or are editor non-specific.

Editor Non-Specific

WYSIWYGEditorEnabled

Default: true **Required:** Yes

Example: WYSIWYGEditorEnabled = "true";

Description: This indicates if a WYSIWYG/Rich Text Editor is enabled for this installation. Set this to false if no editor will be used for this installation.

WYSIWYGInstallDirectory

Default: /tiny_mce **Required:** If WYSIWYGEditorEnabled = "true"

Example: WYSIWYGInstallDirectory= "/tiny_mce";
WYSIWYGInstallDirectory= "/editlive";

Description: This is the path under the webserver's document root where the resources for the WYSIWYG/Rich Text Editor are stored.

RichTextEditor

Default: TinyMCEComponent **Required:** If WYSIWYGEditorEnabled = "true"

Example: RichTextEditor = "TinyMCEComponent";

Description: The name of the component implementing the RTE editor in use.

RichTextEditorInstructions

Default: TinyMCEInstructions **Required:** If WYSIWYGEditorEnabled = "true"

Example: RichTextEditorInstructions = "TinyMCEInstructions";

Description: The name of the component containing user instructions on using the RTE editor.

CheckBrowserCompliance

Default: true **Required:** If WYSIWYGEditorEnabled = "true"

Example: CheckBrowserCompliance = "true";

Description: Determines if a browser compatibility test is made before attempting to use the component named in RichTextEditor.

CompliantBrowsers

Default: ("ie/win/5+", "mozilla/win", "mozilla/mac", "firefox/win", "firefox/mac", "opera/win/9", "opera/mac/9")
Required: If CheckBrowserCompliance = "true"

Example: CompliantBrowsers = ("ie/win/5+", "mozilla/win", "mozilla/mac", "firefox/win", "firefox/mac", "opera/win/9", "opera/mac/9");

Description: The description of the browsers that will work with the editor named in RichTextEditor. These are determined by net.global_village.woextensions. RequestUtilities

URLLinkScript

Default: TinyMCEURLLinkScript
Required: If WYSIWYGEditorEnabled = "true"

Example: URLLinkScript = "TinyMCEURLLinkScript"

Description: The name of the component that will generate the script to be used for the RTE image and link lists.

RTEAdditionalLinks

Default: ()
Required: No

Example: RTEAdditionalLinks = (
 {"University of Michigan" = "www.umich.edu";},
 {"GVC.SiteMaker" = "http://www.gvcsitemaker.com";}
);

Description: An array of dictionaries containing additional links that can be inserted inside Rich Text Editors (RTEs). Each link should be in one dictionary, ie {"University of Michigan" = "www.umich.edu";}. The left side of the dictionary should be the name to be displayed for the link while the right side is the actual link to be inserted. Note that the order that they are listed in this array will be the same order as they will appear in the RTEs.

TinyMCE Specific

Extensive documentation for configuring the TinyMCE editor is available at the Moxiecode website:
<<http://tinymce.moxiecode.com>>

ImageListVariableName

Default: tinyMCEImageList
Required: If WYSIWYGEditorEnabled = "true"

Example: ImageListVariableName = "tinyMCEImageList"

Description: Used specifically by TinyMCEURLLinkScript as the variable name of the array generated for the image pick list.

Example when a script is generated:
var tinyMCEImageList = new Array(
 ["image1.jpg", "/SiteId/logo.jpg"],
 ["image2.gif", "/SiteId/logo_over.jpg"],
 ["My folder: image3.png", "/SiteId/folderName/image3.png"]);

LinkListVariableName

Default: tinyMCELinkList **Required:** If WYSIWYGEditorEnabled = "true"

Example: LinkListVariableName = "tinyMCELinkList"

Description: Used specifically by TinyMCEURLLinkScript as the variable name of the array generated for the link pick list.

Example when a script is generated:

```
var tinyMCELinkList = new Array(  
    ["image1.jpg", "/SiteId/logo.jpg"],  
    ["image2.gif", "/SiteId/logo_over.jpg"],  
    ["My folder: image3.png", "/SiteId/folderName/image3.png"]);
```

EditLive! For Java Configuration

The EditLive! WYSIWYG editor is configured and controlled by an XML file unique to each installation. This file is located under the WebServer's document root and is named /editlive/gvcsitemaker_editliveconfig.xml. This file also contains the location specific license, but this should be in place before installation. Additional custom configuration is possible. Rather than hand edit the XML, you should use the configuration editor located at <http://www.ephox.com/product/editliveforjava/configuration/default.asp>

Section-Type Specific Items

Data Access Section Configuration

DataAccessReservedNames

Default: No names reserved. **Required:** No

Example: DataAccessReservedNames= ("foo", "bar");

Description: This is a list of names with special meanings for a Data Access Section. To prevent conflicts, these cannot be used as a column name. This list should only be changed by the development team.

DataAccessReservedPrefixes

Default: DataAccess_ **Required:** No

Example: DataAccessReservedPrefixes= ("DataAccess_");

Description: This is a list of prefixes to field names that have special meanings for a Data Access Section. To prevent conflicts, these cannot be used at the start of a column name. This list should only be changed by the development team.

DataAccessReservedSuffixes

Default: _IsEmpty, _IsNotEmpty, **Required:** No
_ComparisonPopup,
_CriterionHasError,
_CriterionErrorMessage

Example: DataAccessReservedSuffixes= ("_IsEmpty", "_IsNotEmpty", "_ComparisonPopup", "_CriterionHasError", "_CriterionErrorMessage");

Description: This is a list of suffixes to field names that have special meanings for a Data Access Section. To prevent conflicts, these cannot be used at the end of a column name. This list should only be changed by the development team.

DataAccessDateFormats

Default: See example **Required:** No

Example: DataAccessDateFormats = (
 "%m/%d/%y", // 11/05/01
 "%m/%d/%Y", // 11/05/2001
 "%b %e %Y", // Nov 5 2001
 "%e %b %Y", // 5 Nov 2001
 "%B %e %Y", // November 5 2001
 "%e %B %Y", // 5 November 2001
 "%m/%d/%y %l:%M %p", // 11/05/01 12:27 PM
 "%m/%d/%Y %l:%M %p", // 11/05/2001 12:27 PM
 "%b %e %Y %l:%M %p", // Nov 5 2001 12:27 PM
 "%e %b %Y %l:%M %p", // 5 Nov 2001 12:27 PM
 "%B %e %Y %l:%M %p", // November 1 2001 12:27 PM
 "%e %B %Y %l:%M %p" // 5 November 2001 12:27 PM
);

Description: This is a list of the format patterns available for use with Data Access Date/Time columns. See LongDateFormat for the available symbols.

DataAccessListSearchResultGroupSizes

Default: See example **Required:** No

Example: DataAccessListSearchResultGroupSizes = ("5", "10", "20", "50", "100");

Description: This is a list of the list search result group sizes for use with the stored search and with user searches.

DataAccessMaximumNumberOfFieldsInTable

Default: 30,000 **Required:** No

Example: DataAccessMaximumNumberOfFieldsInTable = "30000";

Description: This defines the maximum number of fields (defined as columns x rows – be sure to include the 5 system columns in your calculations!) that a table can have.

DataAccessMaximumNumberOfFieldsInImport

Default: 5000 **Required:** No

Example: DataAccessMaximumNumberOfFieldsInTable = "5000";

Description: This defines the maximum number of fields that can be imported in a single import. Number of fields is defined as columns x rows in the file (and does **not** include the 5 system columns)

Mixed Media Section Configuration**ConnectionRequestTimeout**

Default: 10 **Required:** No

Example: ConnectionRequestTimeout = 10;

Description: The connection time out when validating a source URL, in seconds.

DefaultMixedMediaLayoutName

Default: Two panes, side by side **Required:** No

Example: DefaultMixedMediaLayoutName= "Two panes, side by side";

Description: This is the default layout when a new MixedMedia section is created. Available values are "One pane", "Two panes, side by side", "Two panes, top and bottom", "Three panes, side by side on bottom", "Three panes, side by side on top", "Three panes, top and bottom on left", "Three panes, top and bottom on right", and "Four panes".

General Configuration Items

Database Configuration

JDBCUrl

Default: None **Required:** Yes

Example: JDBCUrl = "jdbc:oracle:thin:@OTTAWA:1521:GVC";
JDBCUrl = "jdbc:FrontBase://seoul/SiteMaker";

Description: The JDBC Url to reach the database from the machine where the application will run. The Url is database specific. Consult the database documentation for URL format.

DBUserName

Default: None **Required:** Yes

Example: DBUserName = "GVCSiteMaker";

Description: The database user that the GVC.SiteMaker schema was created under. The application uses this and DBPassword to log into the database.

DBPassword

Default: None **Required:** Yes

Example: DBPassword = "SecretPassword";

Description: The password for the database user that the GVC.SiteMaker schema was created under. The application uses this and DBUserName to log into the database.

JDBCDriver

Default: None **Required:** No

Example: JDBCDriver = "com.fmi.jdbc.JdbcDriver";

Description: This is the class for the JDBC driver of the database being used. This is only rarely needed as the class can usually be determined from the JDBCUrl.

EOFPlugin

Default: None **Required:** No

Example: Unknown, probably EOFPlugin = "com.webobjects.jdbcadaptor.SomePlugin";

Description: This is the class for the JDBC plugin used by EOF. This is only rarely needed as the class can usually be determined from the JDBCUrl.

e-mail Configuration

SMTPHost

Default: None **Required:** Yes

Example: SMTPHost = "mail.gvcsitemaker.com";

Description: The SMTP server used to send mail from the GVC.SiteMaker applications.

FromAddress

Default: None **Required:** Yes

Example: FromAddress = "GVCSiteMaker@gvcsitemaker.com";

Description: This address is used as the From address for all e-mail initiated by the application. It may be used for e-mail initiated by a user (i.e. to ask about a unit not setup in GVC.SiteMaker).
Note: this must be a valid e-mail address.

MailSenderQueueSize

Default: 0 **Required:** Yes

Example: MailSenderQueueSize = 100;

Description: The size of the mail sender queue. This is the maximum number of mail messages that can be queued up for sending at any one time. Zero indicates no limit.

WebsiteCreationSubject

Default: "Your GVC.SiteMaker Website is Ready!" **Required:** Yes

Example: WebsiteCreationSubject = "Your GVC.SiteMaker Website is Ready!";

Description: The subject of the message sent when a new website is created.

UserCreationSubject

Default: "Welcome to GVC.SiteMaker!
(Account information enclosed)" **Required:** Yes

Example: UserCreationSubject = "Welcome to GVC.SiteMaker! (Account information enclosed)";

Description: The subject of the message sent when a new user is created. The text of the message is specified in the file property UserCreationMessage.html and not in GVCSiteMaker.plist or GVCSitemakerCustom.plist.

Domain and URL Configuration

These items are used by the applications to create URLs which appear in generated HTML.

DomainName

Default: None **Required:** Yes

Example: DomainName = "www.GVCSiteMaker.com";

Description: This is the main domain under which GVCSiteMaker runs. This may be supplemented with GVC.SiteMaker Virtual Hosts, but this will remain the domain for URLs that are not site display specific.

AdaptorPath

Default: /apps/WebObjects **Required:** No

Example: AdaptorPath = "/cgi-bin/WebObjects";

Description: This is the path below the domain to the WebObjects adapter. e.g. <http://www.GVCSiteMaker.com/cgi-bin/WebObjects>

InsecureProtocol

Default: http:// **Required:** No

Example: InsecureProtocol = "http://";

Description: This is used to create URLs that are normally insecure (use http). If all URLs generated should be secure, this can be changed to https://. It must end in '://'.

SecureProtocol

Default: https:// **Required:** No

Example: SecureProtocol = "https://";

Description: This is used to create URLs that are secure (use https), e.g. the URL for login. If all URLs generated should be insecure, this can be changed to http://. It must end in '://'.

DirectActionFragment

Default: /wa/ **Required:** No

Example: DirectActionFragment = "/wa/";

Description: This is the part that goes after ApplicationName.woa and before the direct action name. This can be changed to allow other WODirectAction sub-classes to be substituted for DirectAction.java by changing this to /wa/MyDA/. If you do this, the new direct action class should inherit from SMDirectAction.java and implement all the functions in DirectAction.java for both GVCSiteMaker and GVCSMAdmin. There is probably very little reason to use and if possible changes should be made to SMCustomDirectAction.java in the GVCSMCustom framework.

RequireHTTPSAccessForPublicSections

Default: false **Required:** Yes

Example: RequireHTTPSAccessForPublicSections = "false";

Description: This is the default value to be used by new sections for the field “Require HTTPS Access for Public Sections”. When this is true, it will allow secure (https protected) access to sections and files that do not have access protection (public sections and password protected links sent for access protected files).

For each section, if “Require HTTPS Access for Public Sections” is true, it will bypass Cosign/WebAuth by adding another URL path before the domain, e.g.

http://sitemaker.umich.edu/maybaum/golf.scores
will become

<https://sitemaker.umich.edu/encrypt/maybaum/golf.scores>

Any requests to the former would be redirected to the latter. Any requests to http://sitemaker.umich.edu/**encrypt**/maybaum/golf.scores would be redirected to https://sitemaker.umich.edu/**encrypt**/maybaum/golf.scores.

Cosign would be configured to ignore any requests to https://sitemaker.umich.edu/**encrypt**/...

Note that **/encrypt/** can be configured by changing the binding for RedirectPath.

RedirectPath

Default:	encrypt	Required:	If RequireHTTPSAccessForPublicSections is set to true
-----------------	---------	------------------	-------------------------------------------------------------

Example: RedirectPath = "encrypt";

Description: The path fragment to be used to identify which requests will be ignored by CoSign. Refer to RequireHTTPSAccessForPublicSections for more details.

ApplicationName

Default: GVCSiteMaker **Required:** No

Example: ApplicationName = "GVCSiteMaker";

Description: The name, in Monitor, of the GVCSiteMaker application for this GVC.SiteMaker installation. If the application is not named GVCSiteMaker in Monitor then this **must** be set to then actual name used as it is used for form URLs. This **MUST** match the name in Monitor and in the Apache rewrite rules, case counts!

AdministrationName

Default: GVCSMAdmin **Required:** No

Example: AdministrationName = "GVCSMAdmin";

Description: The name, in Monitor, of the GVCSMAdmin application for this GVC.SiteMaker installation. If the application is not named GVCSMAdmin in Monitor then this **must** be set to then actual name used as it is used for form URLs. This **MUST** match the name in Monitor and in the Apache rewrite rules, case counts!

FilePath

Default: /files/ **Required:** No

Example: FilePath = "/files/";

Description: This is used form URLs to uploaded files. It is needed so the URLs look different than a URL to display a section etc. This can be changed, but the corresponding Apache rewrite rules must also be changed:

```
# Account for files with a password.
RewriteRule ^/(.+)/files/(.+)/(.+)/
/apps/WebObjects/GVCSiteMaker.woa/wa/displayFile?site=$1&file=$2&key=$3
[last,passsthrough]

# Any hit to a 'files' URL (eg /username/files/foo) takes this rule
RewriteRule ^/(.+)/files/(.+)/
/apps/WebObjects/GVCSiteMaker.woa/wa/displayFile?site=$1&file=$2
[last,passsthrough]
```

Uploaded Files Configuration

UploadDirectory

Default: None **Required:** Yes

Example: UploadDirectory = "/Users/gvssitemaker/uploads";

Description: The absolute path to where files are uploaded by the FileUpload.pl script. GVCSiteMaker will read the files from this location. Both the machine running FileUpload.pl and the machine running GVCSiteMaker must have access to this directory. Both the Apache process and the GVCSiteMaker process need write access to this directory. This directory **must** match UPLOAD_DIR in the FileUpload.pl script or file uploads will not function..

FilePasswordExpirationTimeInDays

Default: None **Required:** Yes

Example: FilePasswordExpirationTimeInDays = "30";

Description: The number of days that a password to an access protected file is valid for. The password expires after this many days.

DefaultQuotaInMegabytes

Default: None **Required:** Yes

Example: DefaultQuotaInMegabytes = "50";

Description: This default is used when a new Website is created. The user creating the website can override it at the time of creation.

PasswordChars

Default: abcdefghijklmnopqrstuvwxyz23456789 **Required:** No

Example: PasswordChars = "abcdefghijklmnopqrstuvwxyz23456789";

Description: This is used when generating new passwords. To reduce confusion, it is missing lowercase ell, numerical one, and zero.

FileBufferMegaBytes

Default: 8 **Required:** No

Example: FileBufferMegaBytes = "8";

Description: This is the maximum size of the buffer, in megabytes, to use when handling files. There should be little need to change this.

NumberOfFileUploadWidgets

Default: 8 **Required:** No

Example: NumberOfFileUploadWidgets= 8;

Description: This is number of upload widgets that are shown on the upload a file page.

Kerberos and Internal User Configuration

HasInternalUsers

Default: false **Required:** Yes

Example: HasInternalUsers = "false";

Description: This indicates if the Internal User functionality of the GVC.SiteMaker Institutional Version is in use. Even if this is false, the InternalUsersGroupName (see Bootstrap Configuration section) must be defined to be some name.

Note: If this is false then the Internal User specific SMUserInstructions (which appears on the Configure Access Groups page) should be mapped to another component (see Page Mapping in the Customization Guide for more information). The easiest thing to do is to just remove the instructions by adding this line to GVCSiteMakerPageMap.plist in the GVCSMCustom framework:
SMUserInstructions = EmptyComponent;

KerberosServer

Default: None **Required:** No.

Example: KerberosServer="kerberos.gvcsitemaker.com";

Description: The host name or IP address of the Kerberos server that Internal Users will be authenticated against.

KerberosRealm

Default: None **Required:** If KerberosServer is present

Example: KerberosRealm="GVCSITEMAKER.COM";

Description: The Kerberos Realm that Internal Users will be authenticated in.

InternalUserDesignatorName

Default: None **Required:** If HasInternalUsers = "true"

Example: InternalUserDesignatorName = "Internal Users";

Description: This is used in SMUserInstructions to refer to what the Internal Users use for a User ID. It should be the term used by the organization to describe people who use their authentication system.

InternalUserSuffix

Default: None **Required:** If HasInternalUsers = "true"

Example: InternalUserSuffix = "@gvcsitemaker.com";

Description: If the end of a User ID (e-mail address) matches this, the User ID is considered to be for an Internal User. This is also added to an Internal User's User ID when sending e-mail to them.

External Authentication Configuration

UsesExternalAuthentication

Default: false **Required:** No

Example: UsesExternalAuthentication = "false";

Description: Indicates if user authentication is done externally to GVC.SiteMaker (e.g. UM Cosign authentication). If this is true GVC.SiteMaker does not perform any user authentication.

ExternalAuthenticationUserHeader

Default: remote_user **Required:** If UsesExternalAuthentication = "true"

Example: ExternalAuthenticationUserHeader = " x-webobjects-remote-user";

Description: Indicates the HTTP header containing the remotely authenticated user ID.

ExternalAuthenticationCookie

Default: None **Required:** No

Example: ExternalAuthenticationCookie = "cosign-sitemaker";

Description: Name of a cookie with the root path (/) that should be expired when a user logs out.

ExternalAuthenticationLogoutURL

Default: None **Required:** No

Example: ExternalAuthenticationLogoutURL= "http://weblogin.umich.edu/cgi-bin/logout";

Description: The URL the user should be redirected to when they log out. If not specified the user is redirected to the home site.

Display Configuration

These items control general display of titles, values, links, etc. in the applications.

InstallationName

Default: None **Required:** Yes

Example: InstallationName = "Wild Ones";

Description: This is the name shown to the user for the installation name (the organization's name as opposed to the application's ProductName). For example this is used before the word Home in the footer link to the main page.

ProductName

Default: GVC.SiteMaker **Required:** No

Example: ProductName = "GVC.SiteMaker";

Description: This is the name shown to the user (on pages, in the title bar, in e-mail etc.) for the GVC.SiteMaker product (i.e. the applications). It was added specifically so that the University of Michigan could have the product name presented as UM.SiteMaker. This can only be set to a non-default value with the written permission of GVC.

MainPageSiteID

Default: None **Required:** No

Example: MainPageSiteID = "home";

Description: Set this to the Website SiteID that will be used as the Main page for the GVCSiteMaker application. If this is not set, a WebObjects page will have to be created for the Main page and this mapped to Main in GVCSiteMakerPageMap.plist in the GVCSMCustom framework..

HitsDisplayedPerPageInDirectory

Default: 10 **Required:** No

Example: HitsDisplayedPerPageInDirectory = 5;

Description: The number of sites to display in each page of results on the Directory of Sites page.

NumberOfVisitedSitesToList

Default: 5 **Required:** No

Example: NumberOfVisitedSitesToList = 10;

Description: Number of sites to keep in the history list of recently visited sites.

LongDateFormat

Default: %B %e, %Y **Required:** No

Example: LongDateFormat = "%B %e, %Y";

Description: The date format for when the date is displayed in a long format. The default %B %e, %Y formats as March 3, 2002

List of Date Formats

- %a abbreviated weekday name
- %A full weekday name
- %b abbreviated month name
- %B full month name
- %c shorthand for "%X %x", the locale format for date and time
- %d day of the month as a decimal number (01-31)
- %e same as %d but does not print the leading 0 for days 1 through 9
- %F milliseconds as a decimal number (000-999)
- %H hour based on a 24-hour clock as a decimal number (00-23)
- %I hour based on a 12-hour clock as a decimal number (01-12)
- %j day of the year as a decimal number (001-366)
- %m month as a decimal number (01-12)
- %M minute as a decimal number (00-59)
- %p AM/PM designation for the locale
- %S second as a decimal number (00-59)
- %w weekday as a decimal number (0-6), where Sunday is 0
- %x date using the date representation for the locale
- %X time using the time representation for the locale
- %y year without century (00-99)
- %Y year with century (such as 1990)
- %Z time zone name (such as Pacific Daylight Time)
- %z time zone name (such as Pacific Daylight Time)

StandardDateFormat

Default: %m-%d-%Y **Required:** No

Example: StandardDateFormat = "%m-%d-%Y";

Description: The date format for when the date is displayed in a standard (i.e. not long or compressed) format. The default %m/%d/%Y formats as 03/03/2002. See LongDateFormat for formatting characters.

CompressedDateFormat

Default: %m-%d-%Y **Required:** No

Example: CompressedDateFormat = "%m-%d-%Y";

Description: The date format for when the date is displayed in a compressed format. The default %m/%d/%Y formats as 03/03/2002. See LongDateFormat for formatting characters.

DateAndTimeFormat

Default: %m/%d/%Y - %l:%M %p **Required:** No

Example: DateAndTimeFormat = "%m/%d/%Y - %l:%M %p";

Description: The date format for when the date is displayed in a long format with the time. The default %m/%d/%Y - %l:%M %p formats as 03/03/2002 - 09:07 PM. See LongDateFormat for formatting characters.

InputDateFormat

Default: MM/dd/yyyy h:mm aa **Required:** No

Example: InputDateFormat = "MM/dd/yyyy h:mm aa";

Description: The date format to use when interpreting date with optional time input values. See documentation <http://java.sun.com/j2se/1.3/docs/api/java/text/SimpleDateFormat.html> for allowed formatting characters. Notice that these formatting characters are NOT the as for the output formats.

DefaultInputTime

Default: 12:00 PM **Required:** No

Example: DefaultInputTime = "12:00 PM";

Description: The time to use when a date is input without a time. The use of Noon is strongly recommended to avoid problems with date shifts when crossing Daylight Saving Time changes. The time here **must** be in the format specified in InputDateFormat.

InputDateFormatHint

Default: MM/DD/YYYY HH:MM AM **Required:** No

Example: InputDateFormatHint = "MM/DD/YYYY HH:MM AM";

Description: This text is shown by date with optional input controls to demonstrate to users the correct format to enter dates in. Any text at all may be used.

InputDateOnlyFormat

Default: MM/dd/yyyy **Required:** No

Example: InputDateFormat = "MM/dd/yyyy";

Description: The date format to use when interpreting date only input values. See documentation <http://java.sun.com/j2se/1.3/docs/api/java/text/SimpleDateFormat.html> for allowed formatting characters. Notice that these formatting characters are NOT the same as for the output formats.

InputDateOnlyFormatHint

Default: MM/DD/YYYY **Required:** No

Example: InputDateFormatHint = "MM/DD/YYYY";

Description: This text is shown by date only input controls to demonstrate to users the correct format to enter dates in. Any text at all may be used.

StandardNumberFormat

Default: #,##0.00 **Required:** No

Example: StandardNumberFormat = "#,##0.00";

Description: The format to display numbers in. The Number format pattern strings can include the following types of characters:

Numbers wherever a number is included in a pattern string, the number is displayed unless an input character in the same relative position overwrites it.

Separators include the period character (.) as a decimal separator, and comma character (,) as a thousand separator.

Placeholders use the pound sign character (#) to represent numeric characters.

Spaces use the underscore character (_) to include a space if no numeric character occupies that position.

Currency the dollar sign character (\$) is the canonical currency mark in pattern strings.

All other characters specified in a pattern string are displayed as typed.

InputNumberFormat

Default: # **Required:** No

Example: InputNumberFormat = "#";

Description: The number format to use when interpreting numeric input values for which no other format is specified. See StandardNumberFormat documentation for allowed formatting characters.

ShowPoweredByLink

Default: true **Required:** No

Example: ShowPoweredByLink = "true";

Description: This determines if the Powered by GVC.SiteMaker link is shown at the bottom of all sections.

PoweredByLink

Default: See example. **Required:** No

Example: PoweredByLink="<hr id='poweredByBar'><div style='font-size: x-small; color: silver; font-face: arial, sans-serif; text-align: center; vertical-align: top;'><div id='poweredByText'>Powered By GVC.SiteMaker</div></div>
";

Description: This is what is injected into the page for the Powered by GVC.SiteMaker link at the bottom of all sections displayed. Any valid HTML is may be used. Quotes need to be escaped with \.

EditThisPageText

Default: Edit... **Required:** No

Example: EditThisPageText = "Edit this page";

Description: This is what is displayed as the content of the hyperlink to edit a Text / Image page that site owners see. Any valid HTML is may be used. Quotes need to be escaped with \.

EditThisPageTitle

Default: This link is seen only by site owners/co-owners **Required:** No

Example: EditThisPageTitle = "This link is seen only by site owners/co-owners";

Description: This is what is displayed as the title (popup tool tip text) of the hyperlink to edit a Text / Image page that site owners see. Quotes need to be escaped with \.

FontFaceList

Default: ("Arial", "Times", "Helvetica", "Courier") **Required:** No

Example: FontFaceList = ("Arial", "Times", "Helvetica", "Courier");

Description: The font faces available when configuring a Text / Image section. The selected font face is used for `font-family:` in a CSS style wrapped around the text portion.

FontSizeList

Default: ("1", "2", "3", "4", "5") **Required:** No

Example: FontSizeList = ("1", "2", "3", "4", "5");

Description: The Font sizes available when configuring a Text / Image section. The selected font size is used for `font-size: N px;` in a CSS style wrapped around the text portion. The selected font size is doubled and added to 8. For example, 3 becomes 14 pixels (3 x 2 + 8).

FallbackFontFaceList

Default: Arial, Verdana, Helvetica, sans-serif **Required:** No

Example: FallbackFontFaceList = "Arial, Verdana, Helvetica, sans-serif";

Description: The font faces to use fall back to when displaying a Text / Image section if the browser does not support the selected font. This list of font faces is appended to the selected font in `font-family:` in a CSS style wrapped around the text portion. This must be a string separated by commas.

StyleSheets

Default: /GVCSiteMaker/StyleSheets/gvc SiteMaker.css **Required:** Yes

Example:

```
StyleSheets = {
  netscape/win/4 = "/GVCSiteMaker/StyleSheets/netscapeFour.css";
  netscape/win/7 = "/GVCSiteMaker/StyleSheets/snazzy.css";
  ie/win/6 = "/GVCSiteMaker/StyleSheets/snazzy.css";
  opera/win/6 = "/GVCSiteMaker/StyleSheets/opera.css";
  default = "/GVCSiteMaker/StyleSheets/gvcSiteMaker.css";
};
```

Description: This is a dictionary of browser, OS, and version combinations and the corresponding stylesheets to be used to display GVC.SiteMakers configuration and administration pages. Additional entries in the dictionaries and stylesheets will likely have to be added to optimize the display of the configuration and administration pages for as many browser and OS pairs as deemed necessary.

Matching Browsers, Browser Versions, and Operating Systems to Style Sheets

Style sheets are associated with browser/OS/browser versions using entries formed as Browser/OS/BrowserVersion. The style sheet used will be based on the best match from most to least specific, trying in order (use IE 5 from a Windows machine as an example):

```
ie/win/5
ie/win
ie
default
```

'default' indicates the style sheet to use if there is no match for the Browser/OS/BrowserVersion. Here is an example dictionary:

```
StyleSheets = {
  default = "/default.css";
  ie = "/ie/ie.css";
  ie/win = "/ie/ie_win.css";
  ie/win/4 = "/ie/ie_win_4.css";
  ie/win/5 = "/ie/ie_win_5.css";
  ie/mac = "/ie/ie_mac.css";
  ie/mac = "/ie/ie_mac.css";
  ie/mac/4 = "/ie/ie_mac_4.css";
  ie/mac/5 = "/ie/ie_mac_5.css";
  netcape = "/netscape/netscape.css";
};
```

ShowSectionSourceNotice

Default: false **Required:** Yes

Example: ShowSectionSourceNotice = "false";

Description: This indicates if a notice should be displayed about the origin of a Section's contents when that Section is displayed as part of a Website other than the Section's Website. The message is, "The contents of this page originate from a different site: <link to site>."

ConvertCarriageReturnsToLineBreaks

Default: false **Required:** Yes

Example: ConvertCarriageReturnsToLineBreaks= "true";

Description: This is the default for the checkbox indicating if automatic carriage return to line break conversion will be done for Text (as in Text/Image) components and for String fields in Data Access tables. False seems to be the best setting when WYSIWYGEditorEnabled = "true".

Application Message Configuration

LoginPageMessage

Default: None **Required:** No

Example: LoginPageMessage = "Registered Users Only";

Description: This message is displayed just below the title on the Login page.

SendPasswordPageMessage

Default: None **Required:** No

Example: SendPasswordPageMessage = "Not for Kerberos Users";

Description: This message is displayed just below the title on the Send Password page

ChangePasswordPageMessage

Default: None **Required:** No

Example: ChangePasswordPageMessage = "Not for Kerberos Users";

Description: This message is displayed just below the title on the Change Password page

UserIDNotEmailAddressMessage

Default: See example **Required:** No

Example: UserIDNotEmailAddressMessage = "You did not enter a valid GVC.SiteMaker userID (which *must* be an email address).";

Description: This message is displayed if HasInternalUsers is false and a user attempts to login with a user ID which does not contain '@'.

CantChangeInternalUserPasswordMessage

Default: See example **Required:** No

Example: CantChangeInternalUserPasswordMessage = "This can only be used to change the password for GVC.SiteMaker managed users. It can not be used to change your password.";

Description: This message is displayed if an Internal User attempts to change their password through the GVC.SiteMaker Change Password page. This functionality is not supported as GVC.SiteMaker can not change the externally managed passwords.

CantSendInternalUserPasswordMessage

Default: See example **Required:** No

Example: CantSendInternalUserPasswordMessage = "This can only be used to send the password for GVC.SiteMaker managed users. It can not be used to send your password.";

Description: This message is displayed if an internal user attempts to have their password mailed to them through the GVC.SiteMaker Send Password page.

IE5UploadFailureMessage

Default: See example **Required:** No

Example: IE5UploadFailureMessage = "If you are using Internet Explorer 5.0 on Windows, this could be cause of the problem. Please update to IE 5.01 (or later), which can be downloaded from Microsoft . If this problem occurs with a browser other than IE 5.0 on Windows, please notify support staff.";

Description: This message is displayed if an uploaded file has no file name specified. This usually means they attempted to use IE 5.0 which is known to not work. Any valid HTML can be used in this message.

Miscellaneous Configuration

RestrictedSiteIDs

Default: None **Required:** No

Example: RestrictedSiteIDs = ("foo", "bar", "error");

Description: This is a list of additions to the standard list of restricted Site IDs which are not permitted to be used as a Website ID (e.g. "files", "GVCSiteMaker", "WebObjects", "cgi-bin", "index.html", "siteindex.html"). Extra items might need to be added to this to handle different aliases for mod_webobjects, and other directories below the DocumentRoot that need to be accessed. Changes to this will need to be supported by changes in the rewrite rules to interpret URLs containing these names specially.

SectionStyleResourcePath

Default: /GVCSiteMaker/Styles/ **Required:** No

Example: SectionStyleResourcePath = "/GVCSiteMaker/Styles/";

Description: This is the location, relative to the web server's document root, where the images, style sheets, and other resources for this a Section Style are located. The path for a particular style should be /GVCSiteMaker/Styles/styleID. This is not enforced and at present is not used in GVC.SiteMaker. This path is used to populate the resourcePath of newly created styles.

ImageMimeTypes

Default: image/gif, image/jpeg,
image/bmp, image/png **Required:** No

Example: ImageMimeTypes = ("image/gif", "image/jpeg", "image/bmp", "image/png");

Description: This list of MIME types is used to determine if a SiteFile is an considered an 'image'. Image SiteFiles are used in the list of images to choose from for an Image in a section. If you need to add image types, be sure to include the default types above.

URLPrefixes

Default: See example. **Required:** No

Example: URLPrefixes = ("ftp://", "gopher://", "http://", "https://", "imap://", "irc://", "ldap://", "mailto:", "news:", "nntp://", "rtsp://", "wais://");

Description: This list of prefixes (schemes, technically) is used to validate URLs entered into GVC.SiteMaker. If you want GVC.SiteMaker to accept a new prefix, add it to this list. If you want GVC.SiteMaker to reject one of these prefixes, remove it from this list.

PublicUserID

Default: UnauthenticatedUser **Required:** No

Example: PublicUserID = "AnonymousUser";

Description: The User ID of the User who represents an anonymous, unauthenticated user. This is not displayed in the UI, only in the application logs. Do not change this after bootstrap unless the corresponding User in the database is also changed.

Application Server Configuration

PublicUserSessionTimeOutInMinutes

Default: 15 **Required:** No

Example: PublicUserSessionTimeOutInMinutes = "10";

Description: This is the number of minutes that a user session can remain alive without activity. After this many minutes of inactivity the session is discarded. This number is for public, anonymous users. As public users use only direct actions, if their session times out their next request will be slightly slower (the same as their first request) but otherwise they will not have a negative experience. Because of this they can have a much shorter session timeout. This reduces the number of active sessions at one time and therefor the memory load on the server.

AuthenticatedUserSessionTimeOutInMinutes

Default: 60 **Required:** No

Example: AuthenticatedUserSessionTimeOutInMinutes = "30";

Description: See PublicUserSessionTimeOutInMinutes for a more detailed description of this. This number is for authenticated (logged in) users. Authenticated users might be uploading a large file, configuring a site, etc. and hence need a longer session life than users who are not logged in.

SessionTerminateTimeOutInSeconds

Default: 3 **Required:** No

Example: SessionTerminateTimeOutInSeconds= "3";

Description: This number is the number of seconds that a session will live after user logout (user initiated or forced in case of system error). This must be larger than zero to prevent deadlocks when a request that terminates a session has other requests for that session queued up behind it. If it is too large, it will allow user re-entry. There should be no reason to change this from the default.

CachingEnabled

Default: true **Required:** No

Example: CachingEnabled = "true";

Description: If this is false the .html and .wod files for WebObject's pages are checked to see if they have been updated every time a page is created. If this is set to true the .html and .wod files will only be read the first time the page is created. This should always be set to true in deployment for performance reasons. The false setting is useful for development or when tweaking the pages of a deployed application. It may be useful to leave this set to false for a new installation that has custom pages so that the pages can be tweaked without needing to restart the application.

PageCacheSize

Default: 5 **Required:** No

Example: PageCacheSize = "5";

Description: Sets the number of pages the cache will hold. When page caching is enabled, the application stores pages in the session. These are used when the user backtracks in the browser by pressing the Back button (rather than navigation links provided in the application). If the user backtracks further than this number of pages they will see an error message about backtracking too far. This number should be kept small to manage memory usage. Backtracking only affects the configuration and administration areas. For site display, the Sections in a Website are created on demand when the user backtracks. This setting has no effect on site display other than needless consumption of memory. The only time this should be an issue is when configuring and previewing a Data Access Section that is editable (has editable fields or can delete records). In this case both the previewing and configuring will consume slots in the cache. Again, try to **keep this small**.

DirectConnectEnabled

Default: false **Required:** No

Example: DirectConnectEnabled = "false";

Description: Do not change this. GVC.SiteMaker will not run correctly in Direct Connect mode due to reliance on special URLs which need to be processed by Apache rewrite rules before being seen by WO.

DispatchRequestsConcurrently

Default: true **Required:** No

Example: DispatchRequestsConcurrently = "true";

Description: Determines if multi-threaded request dispatch is used.

EOSnapshotRefreshTimeLag

Default: 2000 **Required:** No

Example: EOSnapshotRefreshTimeLag = "2000";

Description: The maximum age, in mill-seconds, of the data that a new editing context will accept. When a new editing context is created (for example for a new session, or for a page that has its own editing context), any data fetched more than this number of seconds ago will be refetched for the editing context. This is done so that information changed in one instance is quickly picked by other instances.

Note: EOF's default is 1 hour. There are some areas where this does not result in fresh data, see EOF documentation on EOEditingContext for details.

EditingContextClassName

Default: net.global_village.eofvalidation.NotifyEditingContext **Required:** Yes

Example: EditingContextClassName="net.global_village.eofvalidation.NotifyEditingContext";

Description: The editing context class to use. This must be net.global_village.eofvalidation.NotifyEditingContext or one of its subclasses.

EditableDAModesUseSessionsTimestamp

Default: true **Required:** No

Example: EditableDAModesUseSessionsTimestamp = "true";

Description: Indicates if editable Data Access modes should use EOSnapshotRefreshTimeLag or the fetch timestamp from the Session when determining whether to refetch object. True makes the application run faster but may introduce more concurrent editing conflicts.

TaskQueueTimerInterval

Default: 10 **Required:** No

Example: TaskQueueTimerInterval= 10;

Description: The frequency, in seconds, that the queue is checked for new tasks.

Debugging and Development Configuration Items

DebuggingEditingContextClassName

Default: net.global_village.eofvalidation.NotifyLockErrorScreamerEditingContext
Required: Yes

Example: DebuggingEditingContextClassName="net.global_village.eofvalidation.NotifyLockErrorScreamerEditingContext";

Description: The editing context class to use during development mode. This must be net.global_village.eofvalidation.NotifyEditingContext or one of its subclasses.

DebugLevel

Default: 3
Required: No

Example: DebugLevel = 1;

Description: This is the level of detail of the information sent to the application log. The application log is written to WOOOutputPath. A level of 0 turns off all logging. A level of 1 is suitable for deployment when at least some logging will facilitate debugging. Levels 2 - 10 provide some more detail. Levels above 10 provide a lot of detail and should only be used for development or for troubleshooting severe problems in deployment. Higher levels will have a large adverse effect on performance.

DebugLocking

Default: false
Required: No

Example: DebugLocking = "true";

Description: Setting this to true displays extended about EO locking.

DebugKerberos

Default: false
Required: If KerberosServer is present

Example: DebugKerberos = "true";

Description: Setting this to true displays extended information during Kerberos authentication. It is only used if HasInternalUsers is true.

DebugRequestResponseLoop

Default: false
Required: No

Example: DebugRequestResponseLoop = "true";

Description: Set to true to display detailed information on the Request - Response loop, and dump out URI, headers, cookie information etc.

DeveloperID

Default: None **Required:** No

Example: DeveloperID = "developer1@gvcsitemaker.com";

Description: The developer's GVC.SiteMaker User ID. This is used for some shortcuts (e.g. logging in and sending e-mail) when DevelopmentMode is "true".

DeveloperPassword

Default: None **Required:** No

Example: DeveloperPassword = "goat";

Description: Developer's GVC.SiteMaker password. Used with DeveloperPassword for some shortcuts when DevelopmentMode is "true".

DevelopmentMode

Default: false **Required:** No

Example: DevelopmentMode = "true";

Description: Set to true to activate some conveniences for the developer. **Never** deploy with this set to true! DeveloperID and DeveloperPassword must be defined if DevelopmentMode is true.

EOAdaptorDebugging

Default: false **Required:** No

Example: EOAdaptorDebugging = "true";

Description: Set this to true to send generated SQL statements to the application log.

EventLogging

Default: false **Required:** No

Example: EventLogging = "true";

Description: Set this to true enable logging of events in the application. This should only be used for performance tuning.

EventLogPassword

Default: "mAlnEvEnt" **Required:** No

Example: EventLogPassword= "(shh)s3cr3t";

Description: Set this to the password you want to use to gain access to the event log configuration and view (WOEventSetup direct action).

HandleInvalidCookies

Default: true **Required:** No

Example: HandleInvalidCookies = "false";

Description: Set to true to detect and repair invalid cookies submitted to the application. This should only be needed when upgrading from a version before 2.5.0 and then only until all the bad cookies have been repaired. See dispatchRequest() in SMAApplication for the effects.

LogFetchedRows

Default: false **Required:** No

Example: LogFetchedRows = "true";

Description: Set this to true to send the contents of fetched rows to the application log. This is mostly useful when EOAdaptorDebugging is "true". LogFetchedRows and LogSlowQueries can't be used at the same time.

LogSlowQueries

Default: false **Required:** No

Example: LogSlowQueries= "true";

Description: Set this to true to log queries that take longer than LogSlowQueryTheshholdInMilliseconds to execute. The execution time and query is sent to the application log. LogFetchedRows and LogSlowQueries can't be used at the same time.

LogSlowQueryTheshholdInMilliseconds

Default: 500 **Required:** No

Example: LogSlowQueryTheshholdInMilliseconds= "500";

Description: Threshold used with LogSlowQueries to determine when a query is slow enough to need to be logged.