

# Programmer

## Overview

Enables features that are useful to programmers and Tiki developers

## To Access

From the [Features](#) page, click the **Programmer** tab.

Related Topics

- [Features](#)
- [Tiki Development](#)

Option	Description	Default
<a href="#">Integrator</a>		Disabled
<a href="#">XMLRPC API</a>		Disabled
<a href="#">Debugger console</a>	<p>A popup console with a list of all PHP and Smarty variables used to render the current webpage. It can be viewed by clicking 'Quick Administration-&gt;Smarty debug window' or by appending ?show_smarty_debug=1 or &amp;show_smarty_debug=1 to the page URL. You may also execute SQL, watch vars and perform a number of other functions.</p> <p><i>Only viewable by admins</i></p> <p> <i>Not suitable for production use.</i></p>	Disabled
<a href="#">TikiTests</a>	Permits recording and playback of functional tests	Disabled
Disable JavaScript	<p>Disable JavaScript for the purpose of testing even if enabled in the browser.</p> <p> <i>Use only for testing or troubleshooting. When enabled, many Tiki features will not operate correctly.</i></p>	Disabled
Assume JavaScript is enabled even if not supported	Assume JavaScript is enabled even if not supported, could be useful for load testing using tools like JMeter.	Disabled
Smarty compilation	<p>Indicates when the template cache should be refreshed.</p> <p> Modified   Never check (performance)   Always (development, slow)</p>	Modified
<a href="#">Web services</a>	Can receive web services via JSON or YAML.	Disabled
<a href="#">Dummy preference</a>	<p>This is useful for developers to learn how to create a new preference. HTML may be used.</p> <p> <i>This is the detail.</i></p> <p><i>This is the hint. Wiki syntax may be used.</i></p> <p><i>This is the shorthand. Wiki syntax may be used.</i></p> <p> <i>This is the warning.</i> </p>	This is the default value 0...

Option	Description	Default
PHP Error reporting level	Level of errors to be reported. Errors can be seen in a collapsible box at the bottom of the page, if any exist. ☰ No error reporting   Report all PHP errors except strict   Report all PHP errors   Report all PHP errors except notices   According to the PHP configuration	Report all PHP errors excep...
PHP errors visible to admin only	PHP Errors will be shown to only the Admin user. <i>During site development, it's better to display errors to all users. However, in production settings, errors should only be displayed to administrators.</i>	Enabled
Include Smarty notices in the PHP error report	Tiki will display <a href="#">Smarty</a> notices with the PHP error messages. <i>In most cases, Smarty notices can be safely ignored. However, they may be useful in the development process when unexpected issues occur.</i>	Disabled
<a href="#">Log mail in Tiki logs</a>	A line of type mail will be included in the System Log with the destination address and subject of each email sent. ⚠ <i>May impact performance</i>	Disabled
Log SQL	All SQL queries will be registered in the database in the adodb_logsqli table. ⚠ <i>Do not enable this feature all the time. It can be very resource intensive and will impact performance.</i>	Disabled
Log queries using more than	Use to log only queries that exceed a specific amount of time. ⚠ <i>May impact performance</i>	0.05 seconds
Smarty template usage indicator	Add HTML comment at start and end of each Smarty template (.tpl file) ✳ <i>You need to clear your Tiki template cache for this change to take effect</i> <i>Use only for development, not in production at a live site, because these warnings are added to emails as well, and are visible to users in the page source.</i> ⚠ <i>May impact performance</i>	Disabled
Custom JavaScript	Includes a block of inline JavaScript after the inclusion of jQuery and other JavaScript libs in all pages. <i>Use <a href="#">PluginJS</a> to include Javascript on a single wiki page.</i> <i>Do not include the ript &gt; tags.</i>	None
Smarty security	Do not allow PHP code in Smarty templates. ⚠ <i>You should leave this on unless you know what you are doing.</i>	Enabled

Option	Description	Default
<a href="#">Integrator</a>	🔧	Disabled

Option	Description	Default
XMLRPC API		Disabled
Debugger console	<p>A popup console with a list of all PHP and Smarty variables used to render the current webpage. It can be viewed by clicking 'Quick Administration-&gt;Smarty debug window' or by appending ?show_smarty_debug=1 or &amp;show_smarty_debug=1 to the page URL. You may also execute SQL, watch vars and perform a number of other functions.</p> <p><i>Only viewable by admins</i></p> <p>⚠ <i>Not suitable for production use.</i></p>	Disabled
TikiTests	Permits recording and playback of functional tests	Disabled
Disable JavaScript	<p>Disable JavaScript for the purpose of testing even if enabled in the browser.</p> <p>⚠ <i>Use only for testing or troubleshooting. When enabled, many Tiki features will not operate correctly.</i></p>	Disabled
Assume JavaScript is enabled even if not supported	Assume JavaScript is enabled even if not supported, could be useful for load testing using tools like JMeter.	Disabled
Smarty compilation	<p>Indicates when the template cache should be refreshed.</p> <p>☰ Modified   Never check (performance)   Always (development, slow)</p>	Modified
Web services	Can receive web services via JSON or YAML.	Disabled
Dummy preference	<p>This is useful for developers to learn how to create a new preference. HTML may be used.</p> <p>✳ <i>This is the detail.</i></p> <p><i>This is the hint. Wiki syntax may be used.</i></p> <p><i>This is the shorthint. Wiki syntax may be used.</i></p> <p>⚠ <i>This is the warning.</i> ⚠</p>	This is the default value 0...
PHP Error reporting level	<p>Level of errors to be reported. Errors can be seen in a collapsible box at the bottom of the page, if any exist.</p> <p>☰ No error reporting   Report all PHP errors except strict   Report all PHP errors   Report all PHP errors except notices   According to the PHP configuration</p>	Report all PHP errors excep...
PHP errors visible to admin only	<p>PHP Errors will be shown to only the Admin user.</p> <p><i>During site development, it's better to display errors to all users. However, in production settings, errors should only be displayed to administrators.</i></p>	Enabled
Include Smarty notices in the PHP error report	<p>Tiki will display <b>Smarty</b> notices with the PHP error messages.</p> <p><i>In most cases, Smarty notices can be safely ignored. However, they may be useful in the development process when unexpected issues occur.</i></p>	Disabled

Option	Description	Default
<a href="#">Log mail in Tiki logs</a>	A line of type mail will be included in the System Log with the destination address and subject of each email sent. <b>⚠</b> <i>May impact performance</i>	Disabled
Log SQL	All SQL queries will be registered in the database in the adodb_logsql table. <b>⚠</b> <i>Do not enable this feature all the time. It can be very resource intensive and will impact performance.</i>	Disabled
Log queries using more than	Use to log only queries that exceed a specific amount of time. <b>⚠</b> <i>May impact performance</i>	0.05 seconds
Smarty template usage indicator	Add HTML comment at start and end of each Smarty template (.tpl file) <b>*</b> <i>You need to clear your Tiki template cache for this change to take effect</i> <i>Use only for development, not in production at a live site, because these warnings are added to emails as well, and are visible to users in the page source.</i> <b>⚠</b> <i>May impact performance</i>	Disabled
Custom JavaScript	Includes a block of inline JavaScript after the inclusion of jQuery and other JavaScript libs in all pages. <i>Use <a href="#">PluginJS</a> to include Javascript on a single wiki page.</i> <i>Do not include the ript &gt; tags.</i>	None
Smarty security	Do not allow PHP code in Smarty templates. <b>⚠</b> <i>You should leave this on unless you know what you are doing.</i>	Enabled

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<a href="#">TikiTests</a>	Permits recording and playback of functional tests	Disabled

Option	Description	Default
Disable JavaScript	Disable JavaScript for the purpose of testing even if enabled in the browser.  <i>Use only for testing or troubleshooting. When enabled, many Tiki features will not operate correctly.</i>	Disabled
Assume JavaScript is enabled even if not supported	Assume JavaScript is enabled even if not supported, could be useful for load testing using tools like JMeter.	Disabled
Smarty compilation	Indicates when the template cache should be refreshed.  Modified   Never check (performance)   Always (development, slow)	Modified
<a href="#">Web services</a>	Can receive web services via JSON or YAML.	Disabled
<a href="#">Dummy preference</a>	This is useful for developers to learn how to create a new preference. HTML may be used.  <i>This is the detail.</i> <i>This is the hint. Wiki syntax may be used.</i> <i>This is the shorthand. Wiki syntax may be used.</i>  <i>This is the warning.</i> 	This is the default value 0...
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Log SQL	All SQL queries will be registered in the database in the adodb_logsqli table.  <i>Do not enable this feature all the time. It can be very resource intensive and will impact performance.</i>	Disabled
Log queries using more than	Use to log only queries that exceed a specific amount of time.  <i>May impact performance</i>	0.05 seconds

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Smarty security	<p>Do not allow PHP code in Smarty templates.</p> <p><i>⚠ You should leave this on unless you know what you are doing.</i></p>	Enabled

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<a href="#">TikiTests</a>	Permits recording and playback of functional tests	Disabled
Disable JavaScript	<p>Disable JavaScript for the purpose of testing even if enabled in the browser.</p> <p><i>⚠ Use only for testing or troubleshooting. When enabled, many Tiki features will not operate correctly.</i></p>	Disabled
Assume JavaScript is enabled even if not supported	Assume JavaScript is enabled even if not supported, could be useful for load testing using tools like JMeter.	Disabled
Smarty compilation	<p>Indicates when the template cache should be refreshed.</p> <p> Modified   Never check (performance)   Always (development, slow)</p>	Modified
<a href="#">Web services</a>	Can receive web services via JSON or YAML.	Disabled

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Log queries using more than	Use to log only queries that exceed a specific amount of time. <b>⚠</b> <i>May impact performance</i>	0.05 seconds
Smarty template usage indicator	Add HTML comment at start and end of each Smarty template (.tpl file) <b>*</b> <i>You need to clear your Tiki template cache for this change to take effect</i> <i>Use only for development, not in production because these warnings are added to emails as well, and visible to the users</i> <b>⚠</b> <i>May impact performance</i>	Disabled
Custom JavaScript	Includes a block of inline JavaScript after the inclusion of jQuery and other JavaScript libs in all pages. <i>Use <a href="#">PluginJS</a> to include Javascript on a single wiki page.</i> <i>Do not include the ript &gt; tags.</i>	None
Smarty security	Do not allow PHP code in Smarty templates. <b>⚠</b> <i>You should leave this on unless you know what you are doing.</i>	Enabled

Option	Description	Default
<a href="#">Integrator</a>	Integrator <b>⚠</b>	Disabled
<a href="#">XMLRPC API</a>	XMLRPC API	Disabled
<a href="#">Debugger Console</a>	Debugger Console <i>Only viewable by admins</i> <b>⚠</b> <i>Not suitable for production use.</i>	Disabled

Option	Description	Default
TikiTests	Permits recording and playback of functional tests	Disabled
Disable JavaScript	Disable JavaScript for testing purpose even if the browser allows it  <i>Use only for testing or troubleshooting. When enabled, many Tiki features will not operate correctly.</i>	Disabled
Smarty Compilation	Indicates when the template cache should be refreshed.  Modified   Never check (performance)   Always (development, slow)	Modified
Web Services	Can consume webservices in JSON or YAML	Disabled
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Log mail in Tiki logs	Log mail in Tiki logs  <i>May impact performance</i>	Disabled
Log SQL	Log SQL queries  <i>Do not enable this feature all the time. It can be very resource intensive and will impact performance.</i>	Disabled
Log queries using more than (seconds)	This may impact performance  <i>May impact performance</i>	0.05

Option	Description	Default
Smarty Template usage indicator	<p>Add HTML comment at start and end of each Smarty template (TPL)</p> <p><i>* You need to clear your Tiki template cache for this change to take effect</i></p> <p><i>Use only for development, not in production because these warnings are added to emails as well, and visible to the users</i></p> <p><i>⚠ You need to clear your Tiki template cache for this change to take effect</i></p>	Disabled
Custom JavaScript	<p>Includes a custom block of inline JavaScript in all pages.</p> <p><i>Do not include the ript&gt; and tags.</i></p> <p><i>Do not include the ript &gt; tags.</i></p>	None
Smarty Security	<p>Do not allow php code in smarty templates.</p> <p><i>⚠ You should leave this on unless you know what you are doing.</i></p>	Enabled

Option	Description	Default
<a href="#">Integrator</a>	Integrator 	Disabled
<a href="#">XMLRPC API</a>	XMLRPC API	Disabled
<a href="#">Debugger Console</a>	<p>Debugger Console</p> <p><i>Only viewable by admins</i></p> <p><i>⚠ Not suitable for production use.</i></p>	Disabled
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<a href="#">Web Services</a>	Can consume webservices in JSON or YAML	Disabled
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Log mail in Tiki logs	<p>Log mail in Tiki logs</p> <p>⚠ <i>May impact performance</i></p>	Disabled
Log SQL	<p>Log SQL queries</p> <p>⚠ <i>Do not enable this feature all the time. It can be very resource intensive and will impact performance.</i></p>	Disabled
Log queries using more than (seconds)	<p>This may impact performance</p> <p>⚠ <i>May impact performance</i></p>	0.05
Smarty Template usage indicator	<p>Add HTML comment at start and end of each Smarty template (TPL)</p> <p>✳ <i>You need to clear your Tiki template cache for this change to take effect</i></p> <p><i>Use only for development, not in production because these warnings are added to emails as well, and visible to the users</i></p> <p>⚠ <i>You need to clear your Tiki template cache for this change to take effect</i></p>	Disabled
Custom JavaScript	<p>Includes a custom block of inline JavaScript in all pages.</p> <p><i>Do not include the ript&gt; and tags.</i></p> <p><i>Do not include the ript &gt; tags.</i></p>	None
Smarty Security	<p>Do not allow php code in smarty templates.</p> <p>⚠ <i>You should leave this on unless you know what you are doing.</i></p>	Enabled

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Integrator	Integrator 	Disabled
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Debugger Console	Debugger Console <i>Only viewable by admins</i>  <i>Not suitable for production use.</i>	Disabled
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Log mail in Tiki logs	Log mail in Tiki logs  <i>May impact performance</i>	Disabled

Option	Description	Default
Log SQL	Log SQL queries  <i>Do not enable this feature all the time. It can be very resource intensive and will impact performance.</i>	Disabled
Log queries using more than (seconds)	This may impact performance  <i>May impact performance</i>	0.05
Smarty Template usage indicator	Add HTML comment at start and end of each Smarty template (TPL)  <i>You need to clear your Tiki template cache for this change to take effect</i> <i>Use only for development, not in production because these warnings are added to emails as well, and visible to the users</i>  <i>You need to clear your Tiki template cache for this change to take effect</i>	Disabled
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