



SUGARCRMTM
COMMERCIAL OPEN SOURCE

Sugar Community Edition Release Notes Version 5.1

Sugar Community Edition Release Notes
Version 5.1, 2008

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Introduction

This document describes the requirements, new features, enhancements, and known limitations in Sugar Community Edition 5.1.

You can upgrade from Sugar versions 4.5.1x, 5.0x, and 5.1RC to Sugar version 5.1.

Note: It is strongly recommended that you make a copy of your production system and use it to test 5.1.

Please continue providing feedback on this release as we continue to develop Sugar functionality for the upcoming releases. We will continue to work to incorporate your feedback into the development process. The SugarCRM Development Team is closely monitoring your feedback and is making every effort to fold it into upcoming releases.

For more information on a bug or to provide feedback, use the SugarCRM Bug Portal which is accessible through <http://bugs.sugarcrm.com>. Use “5.1.0” to designate new bugs found in this release. You can also update existing bugs with additional information.

Check the Bug Portal for known issues prior to submitting bugs.

Topics include:

- **[“Requirements for 5.1” on page 1](#)**
- **[“New and Enhanced Features” on page 2](#)**
- **[“Compatibility Matrix” on page 3](#)**
- **[“Known Issues” on page 4](#)**

Requirements for 5.1

Requirements for 5.1 are as follows:

- Increase the value of the `memory_limit` parameter in the *php.ini* file as follows:
 - MySQL Server: 40M or higher
 - MS SQL Server: 40M or higher
- To install Sugar 5.1 successfully, ensure that the MB String module is installed in your PHP libraries.
- If you are using MySQL, you must install version 4.1.2 or higher to use with Sugar 5.1.
- For Microsoft Exchange, Sugar supports only versions 2000 and higher.
- Before upgrading to 5.1, navigate to the *php.ini* file on your system and change the *post_max_size* and *upload_max_filesize* settings to more than 20MB. Restart Apache and then begin the upgrade process.
- The process of upgrading to 5.1 can take up to an hour. If you are using the IIS Web server, you need to ensure that the CGI application does not time out. To do this, on IIS, set the CGI script timeout to more than 300 seconds, which is the default value.
- In order to better support multi-byte character storage with Microsoft SQL Server, You can configure Sugar to use FreeTDS driver. For more information, see *Installation Prerequisites and Guidelines* in the Installation Guide. The supporting files are in a zip file, *sugarcrm-MB-mssql.zip* at http://www.sugarforge.org/frs/?group_id=6.

New and Enhanced Features

Sugar 5.1 offers the following new and enhanced features.

Enhanced Import Functionality

You can now import data for the Bug Tracker. Also, you can enable the import functionality for any custom module that you build in Module Builder.

You can save field mappings between the import file and the Sugar database for future use.

Enhanced Emails Functionality

With the IMAP protocol, you can limit access to specific folders on your external account.

Building Relationships Between Modules

You can create one-to one, one-to-many, and many-to-many relationships between modules in Module Builder and in Studio. In Module Builder, you can create relationships between two undeployed modules, and between a undeployed module and a deployed module. In Studio, you can create relationships only between deployed modules.

Embedding Links and IFrames in Layouts

You can use a Link field to store a URL in a record such as a customer's Website or a link to a related internal or external system. You can also embed a view of the Website itself in the layout rather than as a link with an IFrame field.

Locking Down the Upgrade Wizard

If you are managing multiple instances of the Sugar application and you want to maintain complete control over the instances, you can lock down the Upgrade Wizard to ensure that no user with administrative privileges can upgrade any of them.

Locking Down the Module Loader

In order to ensure that users with administrative privileges do not load sub-standard modules into your Sugar application, you can lock down the Module Loader and direct them to load modules from a location of your choice.

Compatibility Matrix

SUGAR BUILDING BLOCKS	SUPPORTED VERSIONS	COMMENTS
PLATFORMS		Sugar runs on any OS that runs PHP
<ul style="list-style-type: none"> Linux 	Red Hat 4.x, 5.x (Advanced Server, Enterprise Server) Oracle Enterprise Linux 5.1 CentOS 4.x, 5.x	
<ul style="list-style-type: none"> Windows 	XP, 2003, Vista	
<ul style="list-style-type: none"> Mac 	OS X	
PHP		
PHP (MYSQL, SQL Server)	5.1.0 - 5.1.2, 5.1.4, 5.1.6, 5.2.x	
DATABASES		
<ul style="list-style-type: none"> MYSQL 	4.1.2.x, 5.0.x, 5.1.x	
<ul style="list-style-type: none"> MS SQL Server 	2005	
WEB SERVERS		
<ul style="list-style-type: none"> Apache 	1.3.x, 2.0.x, 2.2.x	Supports any version that runs PHP
<ul style="list-style-type: none"> IIS 	5.1, 6.0, 7.0	Supports any version that runs PHP
SUGAR PLUG-INS		
<ul style="list-style-type: none"> Sugar Plug-In for Microsoft Outlook 	Outlook 2003, 2007	
<ul style="list-style-type: none"> Sugar Plug-In for Thunderbird 	Thunderbird 1.5, 2.0	
<ul style="list-style-type: none"> Sugar Plug-in for Microsoft Word 	Office 2003, 2007, XP	
<ul style="list-style-type: none"> Sugar Plug-in for Microsoft Excel 5.1 Beta 	Office 2003, 2007, XP (with Reports functionality) Office 2003 (without Reports functionality)	
<ul style="list-style-type: none"> Client (Browser) 	Latest Mozilla, Firefox, IE 6.0, IE 7.0	
MULTIMEDIA		
<ul style="list-style-type: none"> Adobe Flash 	7 and above	
Recommended Stacks		
Linux Stack		
<ul style="list-style-type: none"> PHP version 	5.2.4	
<ul style="list-style-type: none"> Apache 	2.0.59, 2.2.3	
<ul style="list-style-type: none"> RedHat Enterprise 	Workstation 4	
Preferred Databases		
MySQL	5.0.41	
SQL Server	2005	
Windows Stack		
<ul style="list-style-type: none"> Windows 	2003	
<ul style="list-style-type: none"> PHP version 	5.2.4	
<ul style="list-style-type: none"> IIS 	6.0	

Preferred Databases		
MySQL	5.0.41	
SQL Server	2005	

Notes:

1. Stict mode is supported for MYSQL.
2. The PHP setting, `MBstring.func_overload=7` is supported.

Known Issues

Bug 22608

When attempting to synchronize a Sugar 5.0.x or Sugar 4.5.x portal instance running on PHP 4.x versions, there may be errors with the sync operation, due to which the operation may run indefinitely without completing the process.

To resolve this problem you can do one of the following:

- Upgrade to Portal 5.1
- Upgrade your portal instance to run on PHP 5.x
- Manually edit the file *include/pclzip/pclzip.lib.php* and change the line

```
$v_arg_list = &func_get_args();
```

in the extract method to:

```
$v_arg_list = func_get_args();
```

There are known issues with the call by reference to the `func_get_args` method in PHP 4.x and this change will remove the call by reference.

Known Limitations

In the Module Loader, when you install a custom module that you exported as well as published, the “Uninstall” and “Disable” buttons do not display in the published module after the exported module is installed.

Therefore, it is recommended that developers publish modules on a different Sugar instance instead of the development instance.