Sugar Community Edition
Release Notes

Version 5.1 Beta 1

Sugar Community Edition Release Notes
Version 5.1 Beta 1, 2008

Copyright © 2004-2008 SugarCRM Inc.

www.sugarcrm.com

This document is subject to change without notice.

License

This work is licensed under the Creative Commons Attribution-Noncommercial-No Derivative Works 3.0 License ("License"). To view a copy of this license, visit http://www.creativecommons.org/licenses/by-nc-nd/3.0/ or send a letter to Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94105, USA.

Disclaimer

Your Warranty, Limitations of liability and Indemnity are expressly stated in the License. Please refer to the License for the specific language governing these rights and limitations

Trademarks

All SugarCRM logos in this document are registered trademarks of SugarCRM Inc. See the SugarCRM trademark policies at http://www.sugarcrm.com/crm/open-source/trademark-information.html for more information on how SugarCRM trademarks can be used.

Introduction

This document describes the requirements, new features, enhancements, and known limitations in Sugar Community Edition 5.1 Beta 1.

You can upgrade from Sugar versions 5.0x to Sugar version 5.1 Beta1.

Note:	Do not install Sugar 5.1 Beta 1 in a production environment because Sugar will not support upgrade from 5.1 Beta 1 to 5.1 RC or 5.1 GA. It is strongly recommended that you make a copy of your production systems and use it to test 5.1 Beta 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-Beta1" 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

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
• Linux	Red Hat 4.x, 5.x (Advanced Server, Enterprise Server) CentOS 4.x, 5.x	
• Windows	XP, 2003, Vista	
• Mac	OS X	
PHP		
PHP (MYSQL, SQL Server)	5.1x, 5.2.x	
DATABASES		
• MYSQL	4.1.2.x, 5.0.x, 5.1.x	
• MS SQL Server	2005	
WEB SERVERS		
• Apache	1.3.x, 2.0.x, 2.2.x	Supports any version that runs PHP
• IIS	5.1, 6.0, 7.0	Supports any version that runs PHP
SUGAR PLUG-INS		
• Sugar Plug-In for Microsoft Outlook	Outlook 2003, 2007	
• Sugar Plug-In for Thunderbird	Thunderbird 1.5, 2.0	
• Sugar Plug-in for Microsoft Word	Office 2003, 2007, XP	
• Sugar Plug-in for Microsoft Excel	Office 2003, 2007, XP (with Reports functionality) Office 2003 (without Reports functionality)	
• Client (Browser)	Latest Mozilla, Firefox, IE 6.0, IE 7.0	
MULTIMEDIA		
• Adobe Flash	7 and above	
Recommended Stacks		
Linux Stack		
• PHP version	5.2.4	
• Apache	2.0.59, 2.2.3	
• RedHat Enterprise	Workstation 4	
Preferred Databases MySQL SQL Server	5.0.41 2005	
Windows Stack		
• Windows	2003	
• PHP version	5.2.4	
• IIS	6.0	
Preferred Databases		

| MySQL | 5.0.41 | |
| SQL Server | 2005 | |

Known Issues

Bug 21692

> An attempt to perform a search based on a "Relate" custom field type fails and a warning message displays on the screen.

Bug 21715

> When you deploy a one-to-one relationship in Module Builder, it displays as a many-to-many relationship in Studio.

Bug 21746

> An attempt to create relationships between modules when one or both module names or package names contain underscore ('_') characters may result in an error.

Bug 21752

> In 5. 1 Beta1, relationships with the Activities module or its sub-modules such as Tasks, Calls, and Meetings in Module Builder or Studio are not correctly created.