Database tables

Database table	Description
CMS_WidgetCategory	Stores records representing widget categories.
CMS_Widget	Stores records representing widgets and their configuration.
CMS_WidgetRole	Stores relationships between widgets and roles. Each entry in this table indicates that a specific widget can be used by users in a given role.
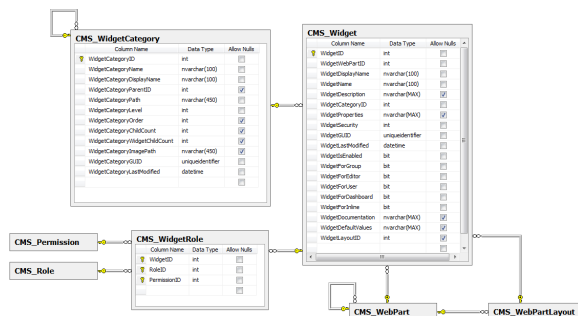
Widget instance storage

The system stores the content of widget zones (widget instances) in the database. The location depends on the type of the widget content:

Widget content type	Description	Storage
Default zone content	The default widget content of all zone types, prepared by page developers on the **Design** tab.	In XML format in the **PageTemplateWebParts** column of the **CMS_PageTemplate** table.
Editor zone content	Widget instances placed onto individual pages by page editors on the **Page** tab of the **Pages** application.	In XML format in the **DocumentWebParts** column of the **CMS_Document** table.
Group zone content	Widget instances placed onto pages by group administrators on the live site.	In XML format in the **DocumentGroupWebParts** column of the **CMS_Document** table.
Dashboard and user zone content	Widget instances in personalized user and dashboard widget zones. The content depends on the current context (user and site).	In the **CMS_Personalization** table.
Inline widgets	Widgets placed into the text content of: • Editable regions on pages (**Page** tab or in on-site editing mode) • Page fields (**Form** tab)	As control macro expressions: • Editable regions - **DocumentContent** column of the **CMS_Document** table • Page fields - the table that stores pages of the given type (for example **CONTENT_News** for news pages)

API classes

Class	Namespace	Description
CMS_WidgetCategory table API		
WidgetCategoryInfo	CMS.PortalEngine	Represents individual widget categories.
WidgetCategoryInfoProvider		Provides management functionality for widget categories.
CMS_Widget table API		
WidgetInfo	CMS.PortalEngine	Represents individual widget objects.
WidgetInfoProvider		Provides management functionality for widgets.
CMS_WidgetRole table API		
WidgetRoleInfo	CMS.PortalEngine	Represents relationships between widgets and roles (permissions).
WidgetRoleInfoProvider		Provides management functionality for widget-role relationships.
CMS_Personalization table API		
PersonalizationInfo	CMS.DocumentEngine	Represents personalized versions of pages (for a specific site and user).
PersonalizationInfoProvider		Provides management functionality for personalization objects.
Other classes		
WebPartInstance	CMS.PortalEngine	Allows you to work with widget instances.
WebPartZoneInstance		Allows you to work with web part (widget) zones.