

Continuous integration supports the following types of Kentico objects:

- [General](#)
- [Page content](#)
- [On-line marketing](#)
- [E-commerce](#)
- [Community groups](#)
- [Binding object types](#)

Related pages

- [Setting up continuous integration](#)
- [Continuous integration repository structure](#)
- [Excluding objects from continuous integration](#)
- [Synchronizing database changes not managed by continuous integration](#)

General

Object type	CI folder name	Notes
Alternative forms	cms. alternativeform	Child object type with the following possible parent types: Custom tables, Forms, Page types, Module classes
Avatars	cms. avatar	
Bad words	badwords. word	
Badges	cms. badge	The continuous integration data of user objects does not include the activity point values based on which the system assigns automatic badges. As a result, users may have different automatic badges assigned after being synchronized to different instances.
Banned IPs	cms. banned ip	
Canned responses for chat	chat. support canned response	Only includes public canned responses. Personal canned responses created by individual users are not supported by the continuous integration solution.
Chat rooms	chat. room	Continuous integration does not track private and one-on-one chat rooms, and the serialized data does not include the enabled status of rooms. When restoring data from the <i>CIRepository</i> folder, any new chat rooms are always created with the <i>Enabled</i> status.
Consents	cms. consent	Includes consent definitions, with all language versions of the consent texts. Continuous integration does not track consent agreements given by contacts or archived consents.
Countries	cms. country	Supported child objects: <ul style="list-style-type: none"> • States (cms.state)

CSS stylesheets	cms. cssstyle sheet	
Cultures	cms. culture	
Custom tables	cms. custom table	<p>Includes the definitions and settings of custom tables. The data records stored within the tables are represented by a separate object type for each table, named in format <i>customtableitem.<table code name></i>.</p> <p>Note: If you change the code name of a custom table with existing data records, the system attempts to re-serialize all data under the new object type. If any problems occur, you may need to manually serialize all objects in the <i>Continuous integration</i> application to bring your <i>CIRepository</i> folder into the correct state.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> • Alternative forms (cms.alternativeform) • Transformations (cms.transformation) • Queries (cms.query) • Permissions (cms.classpermission)
Custom table data	custom tableitem. <table code name>	<p>Represents the data records stored within custom tables. Each custom table has a separate object type for its data, named in format <i>customtableitem.<table code name></i>. For example: <i>customtableitem.customtable.sampletable</i></p> <p>Note: The continuous integration solution does not track the data of custom tables without an <i>ItemGUID</i> field. The GUID values are used to identify custom table records and in the names of the corresponding XML files. You can add a GUID field and generate identifier values for all records by clicking <i>Create GUID</i> on the <i>Fields</i> tab of the custom table's editing interface.</p>
Device profiles	cms. devicep rofile	
Email templates	cms. emailte mplate	
Facebook apps	sm. facebo okappli cation	<p>Supported child objects:</p> <ul style="list-style-type: none"> • Facebook pages (sm.facebookaccount)
Facebook pages	sm. facebo okacco unt	<p>Child object type of Facebook app objects.</p> <p>The continuous integration data does not include individual Facebook posts or the statistical data (Insights) measured for Facebook pages.</p>
Forms	cms. form cms. formcla ss	<p>Only includes form definitions and settings, not the data records stored by individual forms.</p> <p>The system uses multiple object types to store the definitions and settings of forms. See the Forms section in Continuous integration repository structure for more information.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> • Alternative forms (cms.alternativeform)



Form controls	cms. formus ercontr ol	
Forum groups	forums. forumg roup	Supported child objects: <ul style="list-style-type: none"> • Forums (forums.forum)
Forum post attachments	forums. forma ttachm ent	Child object type of Forum post objects.
Forum posts	forums. forump ost	Child object type of Forum or Group forum objects. Supported child objects: <ul style="list-style-type: none"> • Forum attachments (forums.forumattachment)
Forums	forums. forum	Child object type of Forum group objects. Supported child objects: <ul style="list-style-type: none"> • Forum posts (forums.forumpost)
Help topics for UI elements	cms. helptop ic	Child object type of UI element objects.
Integration bus connectors	integrat ion. connec tor	Includes the definitions of integration bus connectors. Outgoing and incoming integration tasks are dynamic data and are not tracked by continuous integration.
Libraries (DLLs) registered for custom modules	cms. resourc elibrary	Child object type of Module objects.
LinkedIn apps	sm. linkedi napplic ation	Supported child objects: <ul style="list-style-type: none"> • LinkedIn company profiles (sm.linkedinaccount)
LinkedIn company profiles	sm. linkedi naccou nt	Child object type of LinkedIn app objects. The continuous integration data does not include individual company updates (posts) or the statistical data measured for LinkedIn company profiles.
Macro identities assigned to users	cms. userma croiden tity	Child object type of User objects.



Macro rules	cms. macro rule	
Macro signature identities	cms. macro identity	
Media libraries	media. library	Supported child objects: <ul style="list-style-type: none"> • Media library files (media.file)
Media library files	media. file	Child object type of Media library or Group media library objects. Only includes media file definitions, not the binary data of individual media files. Binary data is stored in the location configured for the media library .
Memberships	cms. membership	
Meta files	cms. metafile	Includes files related to other objects. For example thumbnail images of page types or email template attachments.
Modules	cms. resource	Supported child objects: <ul style="list-style-type: none"> • Module permissions (cms.permission) • Libraries (DLLs) registered for custom modules (cms.resourcelibrary) • UI elements (cms.uielement)
Module classes	cms. class	Includes the definitions and settings of module classes (object types). If you wish to use continuous integration for the data stored by custom module classes, you need to enable continuous integration in the corresponding type information code. See: Enabling continuous integration for custom classes Supported child objects: <ul style="list-style-type: none"> • Alternative forms (cms.alternativeform) • Queries (cms.query)
Module classes - Customizable	cms. systemtable	Module classes that have the Can be customized property enabled are represented by the separate <i>cms.systemtable</i> object type. Supported child objects: <ul style="list-style-type: none"> • Alternative forms (cms.alternativeform) • Queries (cms.query)
Module permissions	cms. permission	Child object type of Module objects.
Notification gateways	notification. gateway	

Notification subscriptions	notification.subscription	Child object type of Notification template objects.
Notification templates	notification.template	Supported child objects: <ul style="list-style-type: none"> Notification subscriptions (notification.subscription) Notification template text (notification.templatetext)
Notification template text	notification.templatetext	Child object type of Notification template objects.
Page layouts (shared)	cms.layout	
Page template categories	cms.pagetemplatecategory	
Page template scopes	cms.pagetemplatescope	Child object type of Page template objects.
Page templates	cms.pagetemplate	Supported child objects: <ul style="list-style-type: none"> Page template scopes (cms.pagetemplatescope) MVT combinations (om.mvtcombination) MVT variants (om.mvtvariant) Personalization variants (om.personalizationvariant)
Page type scopes	cms.documenttype scope	
Page types	cms.documenttype	Supported child objects: <ul style="list-style-type: none"> Alternative forms (cms.alternativeform) Transformations (cms.transformation) Queries (cms.query) Permissions (cms.classpermission)
Permissions of classes (Page types or Custom tables)	cms.classpermission	Child object type with the following possible parent types: Custom tables, Page types



Poll answers	polls.pollanswer	Child object type of Poll or Group poll objects.
Polls	polls.poll	Supported child objects: <ul style="list-style-type: none"> Poll answers (polls.pollanswer)
Queries	cms.query	Child object type with the following possible parent types: Custom tables , Page types , Module classes
Report categories	reporting.reportcategory	
Report graphs	reporting.reportgraph	Child object type of Report objects.
Report subscriptions	reporting.reportsubscription	Child object type of Report objects. Report subscriptions are always site-related objects.
Report tables	reporting.reporttable	Child object type of Report objects.
Report values	reporting.reportvalue	Child object type of Report objects.
Reports	reporting.report	Supported child objects: <ul style="list-style-type: none"> Report graphs (reporting.reportgraph) Report subscriptions (reporting.reportsubscription) Report tables (reporting.reporttable) Report values (reporting.reportvalue) Reports - Saved views (reporting.savedreport)
Reports - Saved graph images	reporting.savedgraph	Child object type of Report - Saved view objects.
Reports - Saved views	reporting.savedreport	Child object type of Report objects. Supported child objects: <ul style="list-style-type: none"> Reports - Saved graph images (reporting.savedgraph)



Resource strings (localization)	cms. resourc estring	Includes the basic definitions of resource strings that are stored in the database. For strings stored within resx files in the Kentico project, use your source control system to synchronize the files directly. The text values (translations) of individual strings are stored separately under the cms.resourcetranslation binding object type.
Roles	cms. role	
Scheduled tasks	cms. schedul edtask	Does not include <i>System tasks</i> (dynamically created temporary tasks that the system uses internally).
Search indexes	cms. searchi ndex	When restoring data from the <i>CIRepository</i> folder, you can configure the restore utility to automatically log rebuild tasks for any new or modified search indexes. The index rebuilds are processed when the application starts up after the restore operation. See Restoring continuous integration files to the database for more information.
Setting categories and groups	cms. settings category	The <i>cms.settingscategory</i> object type includes both setting categories and setting groups.
Settings	cms. settings key	Settings are supported by continuous integration, but excluded by default in the repository.config file . Settings may contain sensitive data – only remove the exclusion if you agree to make setting values available within the file system used by your application and any connected source control systems. You can configure the <i>repository.config</i> file to include settings in general, but exclude individual setting keys that you consider sensitive.
SharePoint connections	sharep oint. sharep ointcon nection	
SharePoint libraries	sharep oint. sharep ointlibr ary	Continuous integration does not synchronize files stored in SharePoint libraries. After restoring a new SharePoint library from the <i>CIRepository</i> folder, the system automatically synchronizes the files from the related SharePoint server.
Sites	cms. site	The continuous integration data does not include the status of sites (running, stopped, etc.). When restoring data from the <i>CIRepository</i> folder, any new sites are stopped by default and need to be started manually in the Sites application. Supported child objects: <ul style="list-style-type: none"> • Site domain aliases (cms.sitedomainalias)
Site domain aliases	cms. sitedo mainali as	Child object of Site objects.
SMTP servers	cms. smtpse rver	Includes the additional servers defined in the <i>SMTP servers</i> application.

States	cms. state	Child object type of Country objects.
Time zones	cms. timezone	
Transformations	cms. transformation	Child object type with the following possible parent types: Custom tables, Page types
Translation services	cms. translation service	
Twitter apps	sm. twitter application	Supported child objects: <ul style="list-style-type: none"> Twitter channels (sm.twitteraccount)
Twitter channels	sm. twitteraccount	Child object type of Twitter app objects. The continuous integration data does not include individual Tweets or the statistical data (Analytics) measured for Twitter channels.
UI elements	cms. ui element	Child object type of Module objects. Supported child objects: <ul style="list-style-type: none"> Help topics (cms.helptopic)
Users	cms. user cms. usersettings	Users in Kentico are a composite object type. The basic properties are stored within <i>cms.user</i> objects, with additional settings within child <i>cms.usersettings</i> objects. See the Users section in Continuous integration repository structure for more information. Supported child objects: <ul style="list-style-type: none"> Macro identities assigned to users (cms.usermacroidentity) User categories (cms.usercategory) User widget zone content (cms.personalization) Widget dashboard content (cms.dashboard)
User widget zone content	cms. personalization	Child object type of User objects.
Web templates	cms. webtemplate	
Web part categories	cms. webpartcategory	

Web part containers	cms.webpartcontainer	
Web part layouts	cms.webpartlayout	Child object type of Web part objects.
Web parts	cms.webpart	Supported child objects: <ul style="list-style-type: none"> Web part layouts (cms.webpartlayout)
Widget categories	cms.widgetcategory	
Widget dashboard content	cms.dashboard	Child object type of User objects.
Widgets	cms.widget	
Workflows	cms.workflow	Includes the definitions of workflows. Continuous integration does not track the workflow status of pages. Pages under workflow are fully stored in the repository only after they are published. Supported child objects: <ul style="list-style-type: none"> Workflow scopes (cms.workflowscope) Workflow steps (cms.workflowstep)
Workflow actions	cms.workflowaction	
Workflow scopes	cms.workflowscope	Child object type of Workflow objects. Note: Unlike other workflow objects, scopes are always related to a specific site and are stored in the corresponding subfolder in <i>CIRepository</i> .
Workflow steps	cms.workflowstep	Child object type of Workflow objects. Includes steps defined for both basic and advanced workflows.

Page content

Object type	CI folder name	Notes
ACL items	cms.aclitem	Child object type of Page-level permission (ACL) objects.
Attachment image variants	cms.attachmentvariant	Child object type of Attachment objects.

Attachments	cms. attachment	<p>Child object type of Page objects.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> Attachment image variants (cms.attachmentvariant)
Blog comments	blog. comment	<p>Child object type of Page objects.</p> <p>Note: Only includes comments added to blog posts. Blogs and blog posts are stored as pages.</p>
Categories	cms. category	Includes global and site categories.
Message boards	board.board	<p>Child object type of Page objects. Includes both general message boards and boards created on the pages of community groups.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> Message board messages (board.message)
Message board messages	board. message	Child object type of Message board objects.
Page aliases	cms. documental ias	Child object type of Page objects.
Page-level permissions (ACLs)	cms.acl	<p>Supported child objects:</p> <ul style="list-style-type: none"> ACL items (cms.aclitem)
Pages	cms. document	<p>When using the page workflow feature, the majority of workflow information is ignored. For more details, see Usage and relationship with other features.</p> <p>The system uses multiple files to store page data. See the Pages section in Continuous integration repository structure for more information.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> Attachment image variants (cms.attachmentvariant) Attachments (cms.attachment) Blog comments (blog.comment) Message boards (board.board) MVT combinations with editor widget variants (om.documentmvtcombination) MVT variants of editor widgets (om.documentmvtvariant) Page aliases (cms.documentalias) Personalization variants of editor widgets (om.documentpersonalizationvariant)
Page relationship types	cms. relationship name	

Page tags and tag groups	cms. taggroup	Tag groups are represented as a separate object type (cms.taggroup). Tags are stored within the data of individual Page (cms.document) objects.
User categories	cms. usercategory	Includes the personal page categories created by individual users. Child object type of User objects.

Unsupported page permission scenario

Continuous integration does not support scenarios where different [page-level permissions \(ACLs\)](#) are applied to the same page from different sources and then synchronized.

Developer A

1. Sets permissions for a user or a role on a page.
2. Pushes the changes to the source control system.

Developer B

1. Sets **different** permissions for the **same** user or role on the **same** page.
2. Downloads the latest version from the source control. No collisions occur, because the ACL items are represented by different files.
3. [Restores objects](#) from the file system to the database. Both ACL item files are processed, but only one is kept in the database, depending on the order in which they are processed.

On-line marketing

Object type	CI folder name	Notes
A/B tests	om. abtest	The continuous integration data does not include the start/end dates and status of A/B tests (not started, running, finished, etc.). When restoring data from the <i>CIRepository</i> folder, any new A/B tests are always created with the <i>Not started</i> status. Supported child objects: <ul style="list-style-type: none"> • A/B test variants (om.abvariant)
A/B test variants	om. abvariant	Child object type of A/B test objects. The data only includes the names of the variant and the path of the related page. The actual page variants are stored as standard Pages .
Account statuses	om. accountstatus	
Activity types	om. activitytype	



Automation actions	ma. automationaction	
Automation processes	ma. automationprocess	<p>Only includes the general definitions of marketing automation processes. Process states for individual contacts are dynamic live site data and are not tracked by continuous integration.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> • Automation process steps (ma.automationstep) • Automation process triggers (cms.objectworkflowtrigger)
Automation process steps	ma. automationstep	Child object type of Automation process objects.
Automation process triggers	cms. objectworkflowtrigger	<p>Child object type of Automation process objects.</p> <p>Note: When restoring data from the <i>CIRepository</i> folder, process triggers of the "Contact scored X or more" type are created only if the related score exists in the given database. To reliably use continuous integration for these types of triggers, you need to manually ensure that the required scores are present on all instances in the environment (Scores are currently not supported by continuous integration).</p>
Banner categories	cms. bannercategory	
Banners	cms. banner	Continuous integration data does not include the number of <i>Impressions left</i> and <i>Clicks left</i> for banners.
Campaigns	analytics. campaign	<p>The continuous integration data does not include the status of campaigns (draft, running, etc.). When restoring data from the <i>CIRepository</i> folder, any new campaigns are always created with the <i>Draft</i> status.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> • Campaign assets (analytics.campaignasset) • Campaign conversions (analytics.campaignconversion)
Campaign assets	analytics. campaignasset	<p>Child object type of Campaign objects. Represents pages or promotional emails assigned to a campaign's content inventory.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> • Campaign asset URLs (analytics.campaignasseturl)
Campaign asset URLs	analytics. campaignasseturl	Child object type of Campaign asset objects. Represents page URLs assigned to a campaign's content inventory on "content only" (MVC) sites.
Campaign conversions	analytics. campaignconversion	<p>Child object type of Campaign objects.</p> <p>The continuous integration data of campaign conversions does not include live site statistics (the number of logged conversion hits).</p>



Contact groups	om. contact group	<p>Only includes the definitions of contact groups, without information about the contacts or accounts assigned to the groups.</p> <p>Additionally, the continuous integration data does not contain information about scheduled rebuilds for contact groups. After restoring a new condition-based contact group from the <i>CIRepository</i> folder, you need to manually rebuild the group in the <i>Contact groups</i> application.</p>
Contact roles	om. contact role	
Contact statuses	om. contact status	
Custom conversions	analytic s. conversion	Includes only the definitions of custom conversions, without the count and value statistics logged for conversions.
Email feeds	newslet ter. newslet ter	<p>Includes the definitions and configuration of both newsletters and email campaigns.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> • Emails (newsletter.issue)
Marketing email templates	newslet ter. emailte mplate	
Marketing email widgets	newslet ter. emailwi dget	
Marketing emails	newslet ter. issue	<p>The continuous integration data does not include the send status of marketing emails or any live marketing data (the number of opened emails, clicked links, unsubscriptions, etc.). When restoring data from the <i>CIRepository</i> folder, any new emails are always created with the <i>Draft</i> status.</p> <p>Supported child objects:</p> <ul style="list-style-type: none"> • Email A/B tests (newsletter.abtest) • Email variants for A/B tests (newsletter.issuevariant)
Marketing email A/B tests	newslet ter. abtest	<p>Child object type of Email campaign email objects.</p> <p>The continuous integration data of marketing email A/B tests does not include any data collected or specified after the emails are sent out (such as the selection of the test winner).</p>
Marketing email variants for A/B tests	newslet ter. issueva riant	<p>Child object type of Email campaign email objects.</p> <p>The continuous integration data does not include the send status of marketing email variants or any live marketing data (the number of opened emails, clicked links, etc.).</p>

MVT tests	om.mvtest	<p>The continuous integration data does not include the following live data of MVT tests: start/end dates, status (disabled, running, finished, etc.), current conversion counts and values</p> <p>When restoring data from the <i>CIRepository</i> folder, any new MVT tests are always created with the <i>Disabled</i> status.</p>
MVT combinations	om.mvtcombination – OR – om.documentmvtcombination	<p>Combinations of web parts and web part zone MVT variants are stored as <i>om.mvtcombination</i> objects (child object type of Page template objects).</p> <p>Combinations of editor widget MVT variants are stored as <i>om.documentmvtcombination</i> objects (child object type of Page objects).</p>
MVT variants	om.mvtvariant – OR – om.documentmvtvariant	<p>Variants of web parts and web part zones are stored as <i>om.mvtvariant</i> objects (child object type of Page template objects).</p> <p>Variants of editor widgets are stored as <i>om.documentmvtvariant</i> objects (child object type of Page objects).</p>
Personalization variants	om.personalizationvariant – OR – om.documentpersonalizationvariant	<p>Variants of web parts and web part zones are stored as <i>om.personalizationvariant</i> objects (child object type of Page template objects).</p> <p>Variants of editor widgets are stored as <i>om.documentpersonalizationvariant</i> objects (child object type of Page objects).</p>
Search engines (web analytics)	cms.searchengine	

E-commerce

Object type	CI folder name	Notes
Brands	ecommerce.brand	
Buy X Get Y discounts	ecommerce.multibuydiscount	<p>Supported child objects:</p> <ul style="list-style-type: none"> Buy X Get Y and Product coupon codes (ecommerce.multibuycouponcode)



Buy X Get Y and Product coupon codes	ecommerce. multibuycouponcode	Child object type of Buy X Get Y discount or Product coupon objects. The continuous integration data of individual coupon codes does not include the current number of redemptions (coupon code uses). New coupon codes restored from the <i>CIRepository</i> folder are always unused.
Carriers	ecommerce. carrier	
Collections	ecommerce. collection	
Currencies	ecommerce. currency	
Departments	ecommerce. department	
Discounts: <ul style="list-style-type: none"> Catalog discounts Order discounts Free shipping offers 	ecommerce. discount	Includes Catalog discounts, Order discounts and Free shipping offers. Volume discounts and Buy X Get Y discounts are stored as separate objects. Supported child objects: <ul style="list-style-type: none"> Discount coupon codes (ecommerce.couponcode)
Discount coupon codes	ecommerce. couponcode	Child object type of Discount objects (Order discounts or Free shipping offers). The continuous integration data of individual coupon codes does not include the current number of redemptions (coupon code uses). New coupon codes restored from the <i>CIRepository</i> folder are always unused.
Exchange tables	ecommerce. exchangetable	
Gift cards	ecommerce. giftcard	Supported child objects: <ul style="list-style-type: none"> Gift card coupon codes (ecommerce.giftcardcouponcode)
Gift card coupon codes	ecommerce. giftcardcouponcode	Child object type of Gift card objects. The continuous integration data of individual coupon codes does not include the current number of redemptions (coupon code uses). New coupon codes restored from the <i>CIRepository</i> folder are always unused.
Manufacturers	ecommerce. manufacturer	
Order statuses	ecommerce. orderstatus	
Payment methods	ecommerce. paymentoption	

Product coupons	ecommerce. productcoupondiscount	Supported child objects: <ul style="list-style-type: none"> Buy X Get Y and Product coupon codes (ecommerce.multibuycouponcode)
Product internal statuses	ecommerce. internalstatus	
Product option categories	ecommerce. optioncategory	Supported child objects: <ul style="list-style-type: none"> Product options (ecommerce.skupoption)
Product options	ecommerce. skupoption	Child object type of Product option category objects.
Product public statuses	ecommerce. publicstatus	
Product files	ecommerce. skufile	Child object type of Product objects.
Product variants	ecommerce. skuvariant	Child object type of Product objects.
Products	ecommerce. sku	Supported child objects: <ul style="list-style-type: none"> Product files (ecommerce.skufile) Product variants (ecommerce.skuvariant)
Shipping costs	ecommerce. shippingcost	Child object type of Shipping option objects.
Shipping options	ecommerce. shippingoption	Supported child objects: <ul style="list-style-type: none"> Shipping costs (ecommerce.shippingcost)
Suppliers	ecommerce. supplier	
Tax classes	ecommerce. taxclass	
Volume discounts	ecommerce. volumediscount	Child object type of Product objects.

Community groups

Object type	CI folder name	Notes
-------------	----------------	-------



Groups	community.group	Supported child objects: <ul style="list-style-type: none"> Group media libraries (media.grouplibrary) Group members (community.groupmember) Group roles (cms.grouprole)
Group forum groups	forums.groupforumgroup	Child object type of Group objects. Supported child objects: <ul style="list-style-type: none"> Group forums (forums.groupforum)
Group forums	forums.groupforum	Child object type of Group forum group objects. Supported child objects: <ul style="list-style-type: none"> Forum posts (forums.forumpost)
Group media libraries	media.grouplibrary	Child object type of Group objects. Supported child objects: <ul style="list-style-type: none"> Media library files (media.file)
Group members	community.groupmember	Child object type of Group objects. Continuous integration does not track group member invitations.
Group message boards	board.board	Child object type of Page objects. Includes both message boards created on group pages and general message boards. Supported child objects: <ul style="list-style-type: none"> Message board messages (board.message)
Group polls	polls.grouppoll	Child object type of Group objects. Supported child objects: <ul style="list-style-type: none"> Poll answers (polls.pollanswer)
Group roles	cms.grouprole	Child object type of Group objects.

Binding object types

In addition to the standard object types, continuous integration also supports most related bindings (i.e. objects representing relationships between the supported objects and other objects). For example, the binding objects that store how page templates or page types are assigned to sites.

Binding	CI folder name	Main object type (parent)	Related object type
Allowed child page types	cms.allowedchildclass	Page type	Page type
Applications assigned to the default dashboard of roles	cms.roleapplication	Role	UI element



Brands of Buy X Get Y and Product coupon discounts	ecommerce. multibuydiscountbrand	Buy X Get Y discount - OR - Product coupon	Brand
Categories assigned to pages	cms.documentcategory	Page	Category
Collections of Buy X Get Y and Product coupon discounts	ecommerce. multibuydiscountcollection	Buy X Get Y discount - OR - Product coupon	Collection
Connections between steps in advanced workflows and automation processes	cms.workflowtransition	Workflow step (source) - OR - Automation process step (source)	Workflow step (target) Workflow - OR - Automation process step (target) Automation process
Countries of tax classes	ecommerce.taxclasscountry	Tax class	Country
Cultures allowed for editing by users	cms.userculture	User	Culture Site
Cultures assigned to sites	cms.culturesite	Culture	Site
Cultures of bad words	badwords.wordculture	Bad word	Culture
Cultures of page search indexes	cms.searchindexculture	Search index	Culture
Departments of Buy X Get Y and Product coupon discounts	ecommerce. multibuydiscountdepartment	Buy X Get Y discount - OR - Product coupon	Department
Device profile layouts of page templates	cms.templatelayout	Page template	Device profile Page layout (optional)
Exchange rates	ecommerce.exchangerate	Exchange table	Currency
Group permissions assigned to roles	community. grouprolepermission	Group	Group role Permission
Mapped page layouts of device profiles	cms.deviceprofilelayout	Device profile	Page layout (source) Page layout (target)
Moderators (users) of forums	forums.forummoderator	Forum - OR - Group forum	User
Moderators (users) of message boards	board.moderator	Message board	User
MVT variants in combinations	om.mvtcombinationvariation	MVT combination	MVT variant
Page relationships	cms.relationship	Page	Page Page relationship type
Pages with fields containing other pages (see Advanced content modeling)	cms.adhocrelationship	Page	Page Page relationship type
Permissions assigned to roles	cms.rolepermission	Role	Permission (module or class)
Product bundles	ecommerce.bundle	Product	Product
Product options allowed for products	ecommerce. skuallowedoption	Product	Product option

Product options of product variants	ecommerce.variantoption	Product variant	Product option
Product option categories of products	ecommerce.skuoptioncategory	Product	Product option category
Product sections of Buy X Get Y and Product coupon discounts	ecommerce.multibuydiscounttree	Buy X Get Y discount - OR - Product coupon	Page
Products of Buy X Get Y and Product coupon discounts	ecommerce.multibuydiscountsku	Buy X Get Y discount - OR - Product coupon	Product
Resource string translations	cms.resourcettranslation	Resource string	Culture
Role permissions assigned to media libraries	media.libraryrolepermission	Media library - OR - Group media library	Role Permission - OR - Group role Permission
Role permissions assigned to forums	forums.forumrole	Forum - OR - Group forum	Role Permission - OR - Group role Permission
Roles assigned to forms	cms.formrole	Form	Role
Roles assigned to message boards	board.boardrole	Message board	Role
Roles assigned to polls	polls.pollrole	Poll - OR - Group poll	Role - OR - Group role
Roles assigned to widgets	cms.widgetrole	Role	Widget Permission
Roles assigned to workflow steps and automation process steps	cms.workflowsteprole	Workflow step - OR - Automation process step	Role
Roles in memberships	cms.membershiprole	Membership	Role
Scopes assigned to page types	cms.documenttypescopeclass	Page type scope	Page type
Sites of CSS stylesheets	cms.cssstylesheet	CSS stylesheet	Site
Sites of data classes	cms.classsite	Page type Custom table	Site
Sites of modules	cms.resourcesite	Module	Site
Sites of page templates	cms.pagetemplatesite	Page template	Site
Sites of page relationship types	cms.relationshipnamesite	Page relationship type	Site
Sites of polls	polls.pollsite	Poll	Site
Sites of search indexes	cms.searchindexsite	Search index	Site
Sites of SMTP servers	cms.smtpserversite	SMTP server	Site

Sites of web part containers	cms.webpartcontainersite	Web part container	Site
Sites of users	cms.usersite	User	Site
States of tax classes	ecommerce.taxclassstate	Tax class	State
Templates assigned to email campaigns	newsletter. emailtemplatemailnewsletter	Email campaign	Email campaign template
UI elements allowed for roles (UI personalization)	cms.roleuirole	Role	UI element
Users assigned to workflow steps and automation process steps	cms.workflowstepuser	Workflow step - OR - Automation process step	User
Users in roles	cms.userrole	Role - OR - Group role	User
Users in memberships	cms.membershipuser	Membership	User
Users who receive email notifications for workflows	cms.workflowuser	Workflow	User