To manage objects in Kentico using the REST service, send requests using the POST, PUT or DELETE HTTP method to the appropriate URL — append the ***resource paths*** described below to the ***base URL*** of your REST service.

The base URL of the REST service is **<site domain name>/rest**. For example, if your site is running at *http://localhost/Kentico*, use *http://localhost/Kentico/rest* as the base URL of the service.

Object resource paths start with an ***object type*** value. To find the value for specific object types, open the **System** application in the Kentico administration interface and select the **Object types** tab.

Important: Do NOT use object requests to create, update or delete the pages of Kentico websites. See Managing pages using REST for information about working with pages.

Creating objects

HTTP method: **POST**

Resource format:

- **/<object type>** - creates a new object of the specified type.
- **/<object type>/currentsite** - creates a new object of the specified type and assigns it to the website running on the domain in the base URL.
- **/<object type>/site/<site name>** - creates a new object of the specified type and assigns it to the specified website.
- **/customtableitem.<custom table code name>** - creates a new data record inside the specified custom table.
- **/bizformitem.bizform.<form code name>** - creates a new data record inside the specified form.

Set the name and other fields of the new object in the data of the POST request. Both XML and JSON formats are supported for the data.

Important:

- The service automatically sets the system fields of the new object (such as the ID and timestamp fields).
- Creating multiple objects of the same type in a single request is not supported.
- You can create child or binding objects along with the primary object. When using the XML format for the data of such requests, enclose the data into the ***<data>*** element to ensure valid syntax with a single root element.

Examples

Creates a new user with the Editor privilege level and an empty password. Assigns the user to the site running on the domain in the base URL.

XML	JSON

URL: *~/rest/cms.user/currentsite* **Data**: `<CMS_User> <UserName>Editor< /UserName> <FullName>Content editor</FullName> <Email>editor@localhost.local</Email> <UserEnabled>true< /UserEnabled> <UserPrivilegeLevel> 1< /UserPrivilegeLevel> </CMS_User>`	**URL**: *~/rest/cms.user/currentsite?format=json* **Data**: `{ "UserName":"Editor", "FullName":"Content editor", "Email":"editor@localhost.local", "UserEnabled":true, "UserPrivilegeLevel":1 }`

Creates a new *country* object with a child state

XML	JSON
URL: *~/rest/cms.country* **Data**: `<data> <CMS_Country> <CountryDisplayName>New country< /CountryDisplayName> <CountryName>NewCountry< /CountryName> < /CMS_Country> <CMS_State> <StateDisplayName>New state< /StateDisplayName> <StateName>New State< /StateName> <StateCode>NS< /StateCode> < /CMS_State> < /data>`	**URL**: *~/rest/cms.country?format=json* **Data**: `{ "CountryDisplayName":" New country", "CountryName":" NewCountry", "CMS.State": [{ "StateDisplayName":" New state", "StateName":" NewState", "StateCode":"NS" }] }`

Creates a page alias for the *Home* page of the sample Corporate site

XML	JSON

URL: *~/rest/cms.documentalias/site/corporatesite* **Data**: `<CMS_DocumentAlias> <AliasNodeID>4</AliasNodeID> <AliasURLPath>/HomeAlias< /AliasURLPath> < /CMS_DocumentAlias>`	**URL**: *~/rest/cms.documentalias/site/corporatesite?format=json* **Data**: `{ "AliasNodeID":4, "AliasURLPath":" /HomeAlias" }`

Adds a new data record into the *Sample table* custom table

XML	JSON
URL: *~/rest/customtableitem.customtable. sampletable* **Data**: `<customtable_SampleTable> <ItemTe xt>Record added via REST< /ItemText> < /customtable_SampleTable>`	**URL**: *~/rest/customtableitem.customtable.sampletable?format=json* **Data**: `{"ItemText":"Record added via REST"}`

Updating existing objects

HTTP method: **PUT**

Resource format:

- **/<object type>/<id >** - updates the object with the specified identifier (primary key ID).
- **/<object type>/<code name>** - updates the object with the specified code name. For object types with site bindings, always updates the object assigned to the site running on the domain in the base URL.
- **/<object type>/site/<site name>/<code name or guid>** - updates the object with the specified code name or GUID value on the specified website.
- **/<object type>/global/<code name or guid>** - updates the global object with the specified code name or GUID value.
- **/customtableitem.<custom table code name>/<item id or guid>** - updates the data record with the specified identifier (ID or GUID value) inside the given custom table.
- **/bizformitem.bizform.<form code name>/<item id or guid>** - updates the data record with the specified identifier (ID or GUID value) inside the given form.

Update the values of the object's fields using the data of the PUT request. Both XML and JSON formats are supported for the data. Updating multiple objects in a single request is not supported.

Examples

Updates the email address of the *administrator* user

XML	JSON

URL: *~/rest/cms.user/administrator* **Data**: `<CMS_User> <Email>newAddress@localhost.local</Email> </CMS_User>`	**URL**: *~/rest/cms.user/administrator?format=json* **Data**: `{"Email":"newAddress@localhost.local"}`

Updates a data record of the sample *Contact us* form

XML	JSON
URL: *~/rest/bizformitem.bizform.contactus/1* **Data**: `<Form_ContactUs> <Email>newMail@localhost.local</Email> <Message>Updated message</Message> </Form_ContactUs>`	**URL**: *~/rest/bizformitem.bizform.contactus/1?format=json* **Data**: `{ "Email":"newMail@localhost.local", "Message":"Updated message" }`

Deleting objects

HTTP method: **DELETE**

Resource format:

- **/<object type>/<id>** - deletes the object with the specified identifier (primary key ID).
- **/<object type>/<code name> -** deletes the object with the specified code name. For object types with site bindings, always deletes the object assigned to the site running on the domain in the base URL.
- **/<object type>/site/<site name>/<code name or guid>** - deletes the object with the specified code name or GUID value from the specified website.
- **/<object type>/global/<code name or guid>** - deletes the global object with the specified code name or GUID value.
- **/customtableitem.<custom table code name>/<item id or guid>** - deletes the data record with the specified identifier (ID or GUID value) from the given custom table.
- **/bizformitem.bizform.<form code name>/<item id or guid>** - deletes the data record the specified identifier (ID or GUID value) from the given form.

URL examples:

- ~/rest/cms.user/53
- ~/rest/cms.country/usa
- ~/rest/cms.emailtemplate/site/corporatesite/Blog.NotificationToModerators
- ~/rest/customtableitem.customtable.SampleTable/5

Deleting multiple objects in a single request is not supported. You need to send a separate DELETE request for each object.