

Manage API Key Menu




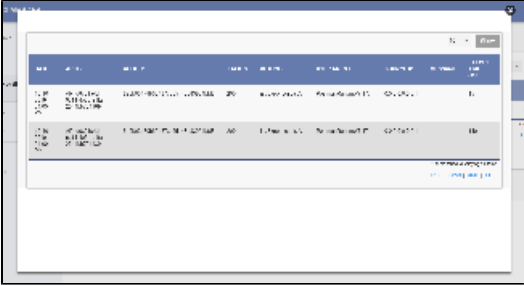


Definition





Manage API Key userview menu handles API call authentication for APIs created with the [API Builder](#).

This userview menu is already bundled in the API Builder plugin.

- [Configure API Access](#)
- [Configure Userview Menu](#)
 - [Manage API Key properties](#)
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Configure API Access

| Name | Description | Screens (Click to view) | | | | | | | | |
|---|--|--|-----------------|---------|--|-----------------|---|-----------------------------|--|---|
| API Key | An automatically generated unique identifier used to authenticate to an API document. |  | | | | | | | | |
| Authentication Method | <p>Methods available:</p> <ul style="list-style-type: none"> • API Key • API Key & Token • Basic access authentication <p>Required keys in the request header:</p> <table border="1" data-bbox="365 1020 941 1682"> <thead> <tr> <th>Method</th> <th>Required Key(s)</th> </tr> </thead> <tbody> <tr> <td>API Key</td> <td> <ul style="list-style-type: none"> • api_id (API Document ID obtained from API Properties) • api_key (The automatically generated API Key) </td> </tr> <tr> <td>API Key & Token</td> <td> <ul style="list-style-type: none"> • api_id • api_key • token (Value derived from configured token pattern) </td> </tr> <tr> <td>Basic access authentication</td> <td> <ul style="list-style-type: none"> • api_id • api_key • Authorization (Base64 encoded value of username:password) <div style="border: 1px solid green; padding: 5px; margin-top: 10px;"> <p> Example</p> <p>For username "admin" & password of "admin":</p> <p>admin:admin Basic YWRtaW46YWRtaW4=</p> </div> </td> </tr> </tbody> </table> | Method | Required Key(s) | API Key | <ul style="list-style-type: none"> • api_id (API Document ID obtained from API Properties) • api_key (The automatically generated API Key) | API Key & Token | <ul style="list-style-type: none"> • api_id • api_key • token (Value derived from configured token pattern) | Basic access authentication | <ul style="list-style-type: none"> • api_id • api_key • Authorization (Base64 encoded value of username:password) <div style="border: 1px solid green; padding: 5px; margin-top: 10px;"> <p> Example</p> <p>For username "admin" & password of "admin":</p> <p>admin:admin Basic YWRtaW46YWRtaW4=</p> </div> | <p>Figure 1: Manage API Key in a userview</p>  <p>Figure 2: Manage API Key - Log view</p>  <p>Figure 3: Manage API Key - New/Edit access</p> |
| Method | Required Key(s) | | | | | | | | | |
| API Key | <ul style="list-style-type: none"> • api_id (API Document ID obtained from API Properties) • api_key (The automatically generated API Key) | | | | | | | | | |
| API Key & Token | <ul style="list-style-type: none"> • api_id • api_key • token (Value derived from configured token pattern) | | | | | | | | | |
| Basic access authentication | <ul style="list-style-type: none"> • api_id • api_key • Authorization (Base64 encoded value of username:password) <div style="border: 1px solid green; padding: 5px; margin-top: 10px;"> <p> Example</p> <p>For username "admin" & password of "admin":</p> <p>admin:admin Basic YWRtaW46YWRtaW4=</p> </div> | | | | | | | | | |
| API Secret <i>(API Key & Token method)</i> | A secret string commonly used in the token pattern. | | | | | | | | | |

| | |
|---|--|
| <p>Token Pattern</p> <p><i>(API Key & Token method)</i></p> | <p>Token Pattern consists of hash algorithm and variables.</p> <p>Format:</p> <ul style="list-style-type: none"> ● HASH(PATTERN) <p>Supported hash algorithm:</p> <ul style="list-style-type: none"> ● MD5 ● SHA-1 ● SHA-256 ● SHA-512 <p>Supported variables:</p> <ul style="list-style-type: none"> ● {api_key} ● {api_secret} ● {date_pattern} (current date time) <p>Examples:</p> <ul style="list-style-type: none"> ● SHA-256({api_key}:{api_secret}:{yyy-MM-dd HH:mm}) ● MD5({api_secret}) <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;">  Token pattern must contain at least one and only one hash algorithm. </div> |
| <p>Permission Plugin</p> <p><i>(Basic access authentication method)</i></p> | <p>Select a permission plugin and configure its properties.</p> <p>Find list of available permission plugins here.</p> |
| <p>Custom Authenticator Plugin</p> | <p>Select a custom authenticator plugin and configure its properties.</p> <p>This option is shown only if a plugin of that type exist in the system.</p> <p>Learn more about API Authenticator plugin here.</p> |
| <p>Custom Authentication Method</p> | <p>Methods available:</p> <ul style="list-style-type: none"> ● Add as additional authentication method ● Replace the default authentication method <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;">  API Key is always required regardless of method selected here. </div> |
| <p>Domain Whitelist</p> | <p>Domain whitelist to allow API calls.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;">  Example "localhost;www.joget.org;dev.joget.org", or "*" to allow from everywhere. </div> |
| <p>IP Address Whitelist</p> | <p>IP address whitelist to allow API calls.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;">  Example "127.0.0.1;192.168.0.1", or "*" to allow from everywhere. </div> |
| <p>Remark</p> | <p>Any remark or description for the created API access.</p> |

Manage API Key properties


| Name | Description | Screens (Click to view) |
|-------------------|---|--|
| ID | Menu element unique ID. Joget will use this ID in the URL if the Custom ID is empty. |  |
| Custom ID | Item link slug. Optional field. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>Unique field</p> <p>Ensure that value defined here is unique to other userview menus in the app, since the first matching/conflicting ID will take precedence in page loading.</p> </div> | |
| Label | Menu label. Mandatory field. | |
| API Document Name | Select an API Document that you have created with the API Builder, for configuration of access in runtime. | |

Figure 4: Manage API Key properties

UI

List

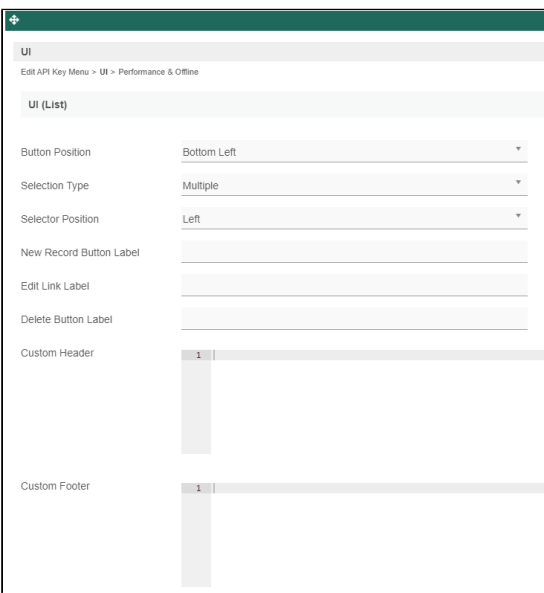
| Name | Description | Screens (Click to view) |
|-------------------------|--|---|
| Button Position | <ul style="list-style-type: none"> Top Left Top Right Bottom Left Bottom Right Top Left & Bottom Left Top Right & Bottom Right |  |
| Selection Type | <ul style="list-style-type: none"> Multiple Single | |
| Selector Position | <ul style="list-style-type: none"> Left Right Both left & right No | |
| New Record Button Label | New record button label to show in listing. | |
| Edit Link Label | Edit button label to show in listing. | |
| Delete Button Label | Delete button label to show in listing. | |
| Custom Header | Custom HTML to show above the listing. | |
| Custom Footer | Custom HTML to show below the listing. | |

Figure 5: UI (List)

Add

| Name | Description | Screens (Click to view) |
|----------------------------------|--|-------------------------|
| Cancel Button Label | Cancel button label to show in add new record form. | |
| Save Button Label | Save button label to show in add new record form. | |
| Message to show after Form saved | Message to show in a browser popup, after new record is saved. | |
| Custom Header | Custom HTML to show in header of add new record form. | |

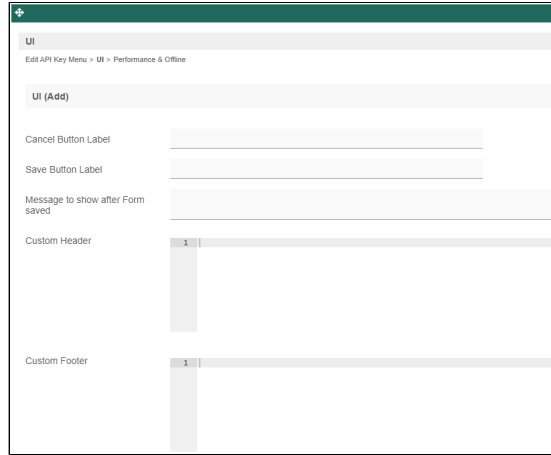
| | | |
|---------------|---|--|
| Custom Footer | Custom HTML to show in footer of add new record form. |  |
|---------------|---|--|

Figure 6: UI (Add)

Edit

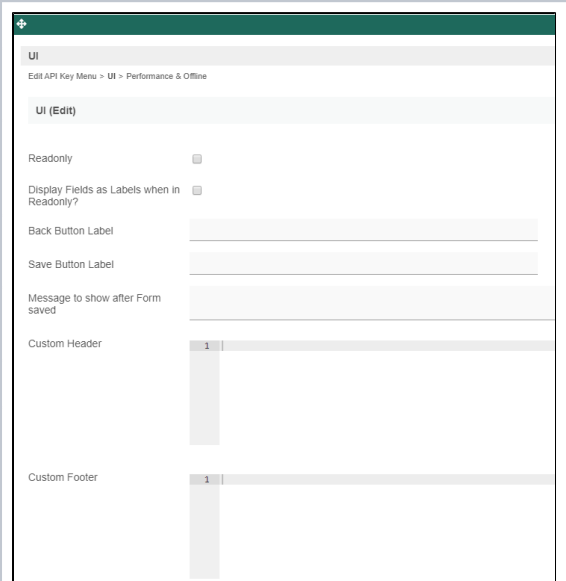
| Name | Description | Screens (Click to view) |
|--|--|---|
| Readonly | If checked, the form will be rendered as read-only and not editable anymore. |  |
| Display Fields as Labels when in Readonly? | When the form is in read-only mode, determines if values should be displayed as is (label form) instead of being shown in original input fields. | |
| Back Button Label | Back button label. Default value: Back | |
| Save Button Label | Save button label. Default value: Save | |
| Message to show after Form saved | Message to show in a browser popup, after a record is successfully edited. | |
| Custom Header | Custom HTML to show in header of edit record form. | |
| Custom Footer | Custom HTML to show in footer of edit record form. | |

Figure 7: UI (Edit)

Performance & Offline

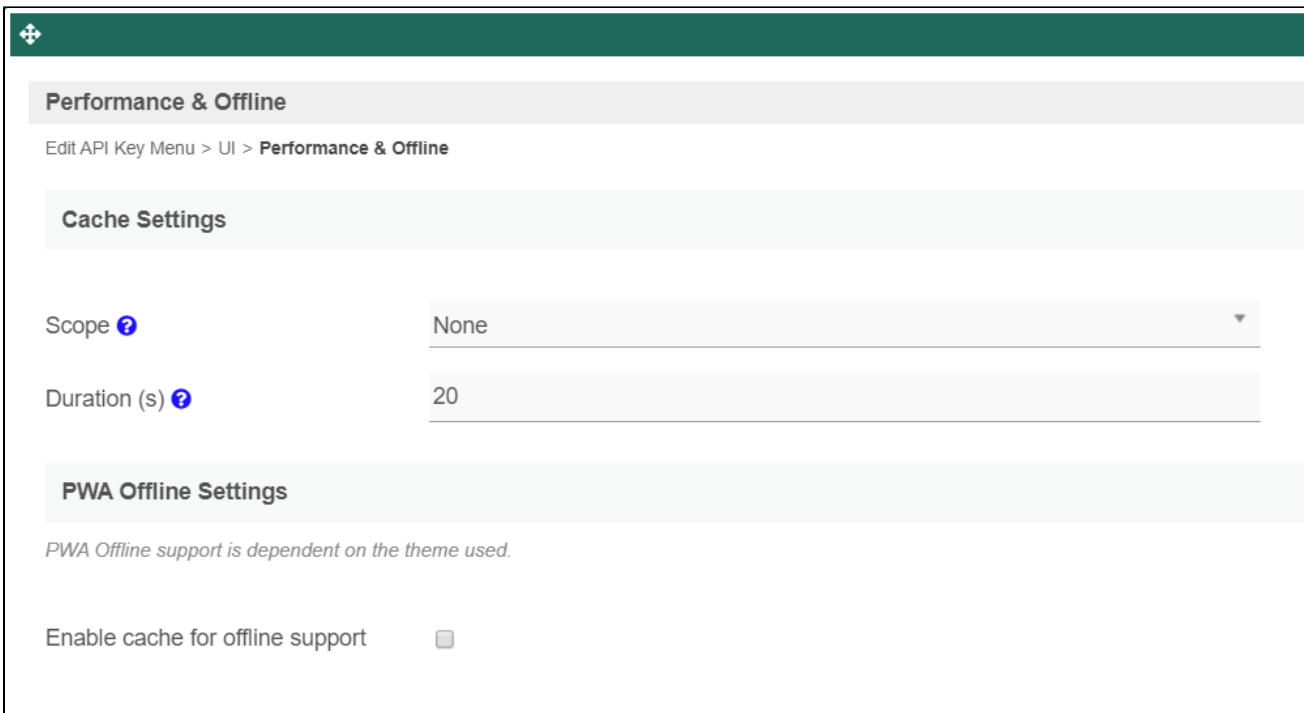


Figure 8: Performance & Offline

- Cache Settings

Performance

You can configure the **Performance** settings in this Userview Menu which allows one to cache existing content for improved performance and loading speed.

Read more at [Performance Improvement with Userview Caching](#).

- PWA Offline Settings

| Name | Description |
|----------------------------------|--|
| Enable cache for offline support | Once enabled, this userview element will be accessible in the event of an offline environment. |