

URL Parameters

You can change the behavior of your forms by adding Live Forms URL parameters to the form URLs found in the various share choices. These Live Forms URL parameters are each described in detail below. Here are the parameters that work for each share choice. You can think of the code you get via the [Share Form page](#) as a starting point. Then you can change the behavior to whatever you need by adding, subtracting and modifying the URL parameters in the share code.

Forms created via the Live Forms API `createInstance` method are form instances. They are an actual form to be used by a specific user in memory on the Live Forms Server. Please see [Data API](#) for a list of the parameters that can be used with form instance URLs.

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Parameter Separators in URLs

If you are appending parameters to a URL, use the `?` for separating the form/flow URL from the parameters and use the `&` to separate parameters from each other. For example, let's say you want to append the Pacific timezone parameter to the [share URL](#) of your form/flow.

Here is an example using the Link(Email/Web page) URL for a workflow:

Add `?_formTz=America/Los_Angeles` to the URL. Use the `?` since there are no existing parameters appended.

```
https://app.frevvo.com:443/frevvo/web/tn/mycompany/user/max/app/_N2Z-EN4ZEeSMHtcWMmyrr
Q/flowtype/_Wdk4AecIEeSyBMGi6J8M3Q/popupform?_formTz=America/Los_Angeles
```

Here is an example using the Raw Flow URL for the same workflow:

Add `&_formTz=America/Los_Angeles` after the last existing parameter. Use the `&` since you are separating parameters from each other.

```
https://app.frevvo.com:443/frevvo/web/tn/mycompany/user/max/app/_N2Z-EN4ZEeSMHtcWMmyrr
Q/flowtype/_Wdk4AecIEeSyBMGi6J8M3Q?_method=post&embed=true&_formTz=America/Los_Angeles
```

Raw form link

- **edit=(true/false)** -- The form will open in the Live Forms Form Designer when `edit=true` and in use mode otherwise. The default is `false`.
- **print=(true/false)** -- This form will be displayed in print view as if a user had clicked the print icon on the form.
- **dispose=(true/false)** -- The form instance is deleted after the form is rendered in print view.
- **_readonly=(true/false)** -- The form will open but you will not be able to enter values into the form when `_readonly=true`. The default is `false`.
- **_data** -- A way to pass default values into form fields via the form URL. See the details [here](#).
- **_extId** -- A way to have multiple users connect to the same form instance. See [details below](#).
- **_layoutId or _layoutId!userId!tenantId** -- Dynamically select a layout which takes precedence over the layout selected at either the Application or in the Form. See [here](#) for the details.
- **_styleId or _styleId!userId!tenantId** -- Dynamically select a style which takes precedence over the style selected at either the Application or in the Form. See [here](#) for the details.
- **_formActionURL** -- Overrides the form's action set in the Form Designer. See the [_formActionURL](#) section. If this parameter is used but equals nothing it will close the window when the form is submitted.
- **_formActionMethod=(get/post)** - Overrides the form action's method. Defaults to `get`. See the [_formActionMethod](#) section.
- **_formActionTarget=(frame/parent/top)** - Overrides a form action target. Defaults to `frame`. See the [_formActionTarget](#) below.
- **locale=<locale code>** --- This parameter enables you to translate your form into [multiple languages](#). If not, set the form displays with the language used in the form designer. If set to one of the locale codes the form displays translated to that language.
- **apikey** --
- **_formTz** -- This parameter overrides the timezone of the browser/form. Refer to [Time Zones](#) for more information.
- **_device** - (tablet/phone/desktop) --used to show the specified device view in your browser. This parameter is very helpful when testing

forms for mobile devices as you can see the phone or tablet view from your desktop.

- **_submissions=(ID ENTRY FROM FORM SUBMISSION TABLE)** - used to [instantiate older submissions](#) of a form or flow.
- **_cancelUrl=(some URL)** - This parameter bypasses the Live Forms standard cancellation message and will redirect the user to the specified URL when the Cancel button is clicked.
- **_unsavedWarning=true/false** - This parameter displays a browser Warning message when data has been changed and the user closes the browser/browser tab without Saving or Submitting. The default is true.

Embedded form link -- "Just the iframe" and "Embedded Form"

- All [Raw form link parameters](#)
- **id** -- Use this when [embedding multiple forms](#) in the same web page. Each form needs a unique id. Not required for pages with only one form.
- **iframe** -- Select the custom id for the [iframe](#) that will be auto generated by the script (default is 'frevvo-form'), i.e. name of the iframe.
- **width=(num)** -- Sets the initial iframe width. Defaults to 600. Only effective when `resize=false`.
- **height=(num)** -- Sets the initial iframe height. Defaults to 600. Only effective when `resize=false`.
- **resize=(true/false)** -- Automatically resizes the space (height, width) used by the form when `resize=true`. Defaults to true when the form is used on a desktop device. Defaults to false when the form is used on a mobile device such as the iPhone or iPad. When `resize=false` the form will remain in the width & height you set and the browser will add horizontal and vertical scrollbars if/when needed.
- **container=(true/false)** -- Adds a border around the form and centers the form when `container=true`. Defaults to false.
- **scrolling** -- Do you want scrolling? Puts scrolling attribute on the iframe. Defaults to auto. See the html scrolling attribute for values.
- **center=(true/false)** -- This parameter applies to the container so is only effective when `container=true`. Defaults to true. Set to false to left/top justify the form on the page.
- **border=(true/false)** -- This parameter applies to the container so is only effective when `container=true`. Defaults to true. Set to false to remove the border.
- **onInit** -- A javascript function in scope that will be called before the form is instantiated.
- **onSubmit** -- A javascript function in scope that will be called after the form is submitted.
- **_test** -- Do you want to generate a debug console? Defaults to false

Embedding the task list successfully into an HTML page requires setting its width. You must explicitly add `%26tasks-width=XXXpx` where XXX is the width that you want. Here is an example:

```
<script> src="http://localhost:8080/frevvo/web/embed?resize=true&container=true&border=false&URL=http://localhost:8080/frevvo/web/tn/<your tenant name>/subject/{subject.id} /tasks%3fembed=true%26container=true%26resize=true%26tasks-width=1000px"
type="text/javascript"></script>
```

Popup form links – "Full Page Popup" and "Link (Email/Web page)"

- All [Raw form link parameters](#)
- All [Embedded link parameters](#)

_extld

When you open a new form via, for example, the Link (Email/Web Page) [share URL](#), you will always open a new form instance. As you use the form and enter values into the form, the values are immediately cached on the Form Server as you tab to the next form field. If you close the browser tab/window containing the form prior to submitting the form, the Form Server still retains this form instance. By using the special (reserved) URL parameter called **_extld**, it is possible to reconnect to an in-memory form instance.

Access to form instance is secure. The form instance cannot be accessed from a different browser or a different device. For Example, if you use the same **_extld** value in a different browser or on a different device, the form will not load the same instance (i.e the same values filled in the form fields) even if you are logged into Live Forms as the same user.

To utilize this feature, try this example:

- Copy the the Link (Email/Web Page) share URL for one of your forms and append `?_extld=123` to the formtype URL. Open that URL in your browser and start filling in a form. Do NOT submit the form.
- Next, open a 2nd browser tab or window and use just the formtype URL and it will be blank. A new form instance is created.
- Open a 3rd browser tab or window and use the share URL again appended with `?_extld=123`, and you'll get back to the 1st instance.

`_formActionUrl`, `_formActionMethod`, `_formActionTarget`

The [Form Action](#) can be overridden by using these special (reserved) Url parameters. The presence of `_formActionUrl` overrides any Form Action in the Form Designer by specifying which Url to go to when the form gets submitted.

`_formActionMethod` is optional and can be set to either "get" or "post". If unspecified it defaults to "get" causing the user to get forwarded to this web page when the form is submitted. If set to "post" it will also post the data to this Url.

`_formActionTarget` is optional and only taken into account when `_formActionUrl` is specified. It can be set to one of the values: frame, parent, top (lower case). It defaults to frame if not specified.

When the `_formActionUrl` parameter is set but no Url is given (i.e. `...&_formActionUrl =&embed=...`) the top frame will be closed. It is as if you set Form Action to "Close" in the Form Designer.

For example... the share Url with `&_formActionUrl=http://www.google.com`, will cause the form to display google.com when it's submitted, even if in the Form Designer you had set the Form Action to be "Display Message" or one of the other options.

`_formActionUrl` params are used directly by Live Forms to re-direct the browser. When the `_formActionUrl` (or any parameter) is received, it is url decoded by the servlet container. Therefore, it is best practice to encode the `_formActionUrl` parameter value. It is up to the Live Forms client to encode passed in `_formActionUrls`.

`_cancelUrl`

The designer can override the standard Live Forms message that displays when the user clicks on the Cancel button in a form and redirect them to a webpage of your choice by appending the `_cancelUrl=(some Url)` to the raw form link. For example, if you want to redirect users to `http://www.google.com` the raw form link should look like this:

```
https://app.frevvo.com:443/frevvo/web/tn/mycompany/user/f_tom/app/_gaj78BYjEeWyUNZ2H44ezg/formtype/_22gHkKKLEeWnp4XR1Gz4eA?_method=post&embed=true&_cancelUrl=http://www.google.com
```

The user must click "Yes" for the warning message "Are you sure?" and then will be directed to the specified Url.

Setting `_cancelUrl=` to blank closes the target window or tab if it was opened by javascript or ``. Otherwise it will simply show a blank page.