

# Dynamic Item Merge Tags And How To Use Them

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Dynamic Items can populate a merge tag, letting you inject dynamic values into text blocks, ghost text, URL redirects, button labels, and more. It's a great way to personalize a Campaign based on the URL, the page, the visitor, or any data source a Dynamic Item can read.

This article covers Dynamic Item merge tags and shows three common examples. For general information on setting up a Dynamic Item, [see this help doc](#).

## Where to Find Dynamic Items

Dynamic Items are managed at the campaign level.

1. Go to the **Campaigns** list.
2. Find the Campaign you want to personalize and click the **three-dot menu** in the bottom right corner of that Campaign's tile.
3. Select **Add Dynamic Items**.

From here, you can create, edit, and order the Dynamic Items that run for that Campaign.

## Setting Up a Merge Tag

To set a Dynamic Item to populate a merge tag, choose **Merge Tag** from the **Target** dropdown, then type the merge tag name.

**Merge tag syntax tip:** Wrap the name in square brackets and use uppercase letters for readability, e.g. `[TOPIC]`, `[URL]`, `[EMAILGHOSTTEXT]`. You'll reference the merge tag using exactly the same name (brackets included) anywhere you want the value to appear.

### New Dynamic Item

Box 190357 - dynamic query param test

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Source:  jQuery Selector:  jQuery Method:

Operator:  Comparison:

Source Value Matches:  Source Value:

Target:  Target Merge Tag:

Target Fill:  Target Value:

Target Fallback Value:

Merge tags can be used throughout the editor, including text blocks, HTML blocks, button labels, ghost text, hidden field defaults, and URL redirects.

## What If There's No Value?

If the Dynamic Item can't find a value at runtime, you can configure a fallback so the merge tag is replaced with text you choose instead of being left blank or showing the literal `[TAG]`. See [Dynamic Items: What is the Fallback Value and How Do You Use It?](#) for setup details.

## Examples

Here are three common ways to use Dynamic Item merge tags to personalize a Campaign.

### Change One Word in a Text Block

To change a single word in a text block dynamically (rather than swapping the whole block), add a merge tag inside the text wherever the word should change.

In this example, the `[TOPIC]` merge tag is replaced with the value of the `topic` URL parameter. Here's the Dynamic Item:

### Edit Dynamic Item 5127

Box 194532 - di merge doc

Source:  URL Param Name:

Operator:  Comparison:

Source Value Matches:

Target:  Target Merge Tag:

Target Fill:

Target Fallback Value:

In the editor, we placed the `[TOPIC]` merge tag inside Text 1:

327489: Blank Inline Not Published No Display Rules Validation

**Steps/Pages**

**Main Page**

Layout

Text 1 - Join our [TOPIC] News...

Text 1


**Text Basics**

ENTER TEXT

Join our [TOPIC] Newsletter!

**Text Styles**

Pick from your **campaign-level styles** or choose **customize** to style this element only.



With this setup, if the URL is `https://domain.com/?topic=marketing`, the Campaign will display “Join our marketing newsletter!”

## Redirect to an Anchor Point on the Current Page

In this example, we'll send the visitor to an anchor point on whatever page they're currently on after they submit the Campaign.

Here's the Dynamic Item, which populates the `[URL]` merge tag with the current page's URL:

### Edit Dynamic Item 5127

Box 194532 - di merge doc

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Source:

Operator:

Comparison:

Source Value Matches:

Target:

Target Merge Tag:

Target Fill:

Target Fallback Value:

To redirect to an anchor point on that page, set up a button or After Form Submit action like this:

**Main Page** [Settings] [Up Arrow]

Layout **Form** Buttons Text Images HTML

**Form** Fields Labels Inputs

FORM VISIBILITY ?  
 ON

AFTER FORM SUBMIT ?  
 Redirect to URL

REDIRECT URL

REDIRECT TYPE  
 Redirect current page

OVERRIDE BOX INTEGRATIONS  
 Submit form and run all Box integrations (default)

LOADING IMAGE  
 Show default loading image on submit

FORM CSS

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**Form Size** **Form Position** ?

WIDTH	HEIGHT	X	Y	CENTER
280	62	51	203	<input checked="" type="checkbox"/>

Why use the merge tag instead of just `#anchor`? A bare fragment may not behave consistently across pages or when the URL contains query parameters. Using `[URL]#anchor` keeps the visitor on the page they submitted from and lands them at the right anchor, no matter which page that is.

## Change the Ghost Text in the Email Field

If your site operates in multiple markets with different primary languages, you can change the ghost text of the email field based on the page's language.

The Dynamic Item below looks for a meta tag indicating the current page's language is English and fills the merge tag with the matching ghost text:

## Edit Dynamic Item 5127

Box 194532 - di merge doc

Source:	jQuery Selector:	jQuery Method:
<input type="text" value="jQuery Selector"/>	<input type="text" value="meta[content='English']"/>	<input type="text" value="html"/>
Operator:	Comparison:	
<input type="text" value="Equals"/>	<input type="text" value="Case Insensitive"/>	
Source Value Matches:		
<input type="text" value="Anything"/>		
Target:	Target Merge Tag:	
<input type="text" value="Merge Tag"/>	<input type="text" value="[EMAILGHOSTTEXT]"/>	
Target Fill:	Target Value:	
<input type="text" value="Custom"/>	<input type="text" value="Enter your email"/>	
Target Fallback Value:		
<input type="text"/>		
<input type="button" value="Save"/>	<input type="button" value="Cancel"/>	

In the editor, we placed the  merge tag in the **Ghost Text** field of the email field:

Main Page ⚙️ ^

Layout **Form** Buttons Text Images HTML

Form **Fields** Labels Inputs

### Email Field

FIELD VISIBILITY ⓘ

**ON**

Email Label Text ⓘ

EMAIL LABEL TEXT

Your Email

EMAIL LABEL SUBTEXT

Make Field Required (optional)

The Label Text will show as the error message by default, or you can customize your error message below.

CUSTOM ERROR TEXT (OPTIONAL)

Show Help Text (optional)

Help Text is optional text below the field to provide extra guidance for filling it out.

Email Address

Set Ghost Text or Default Value (optional)

CHOOSE ONE:

Ghost Text ⓘ

Default Value ⓘ

EMAIL GHOST TEXT

[EMAILGHOSTTASK]

Field is Visible ⓘ

### Email Field Metadata

KEY	VALUE
<input type="text"/>	<input type="text"/>

+ -

You can repeat this pattern with one Dynamic Item per language to localize the ghost text for each market.

## Related Reading

- [How to Dynamically Add Text from the URL Parameter into Your Campaign](#)
- [Dynamic Items: What is the Fallback Value and How Do You Use It?](#)