

Regular Expressions (Regex) Basics

A regular expression (regex or regexp) is a group of characters that you can use to match complex patterns in URLs. Within the Monetate platform, you can use regular expressions for pattern-matching or search-and-replace functions in [Full-Page Test experiences](#), within content masking rules, within the **Conditions** tab of the Builder tools, or in the optional inputs section of an action to specify which page an action should run.

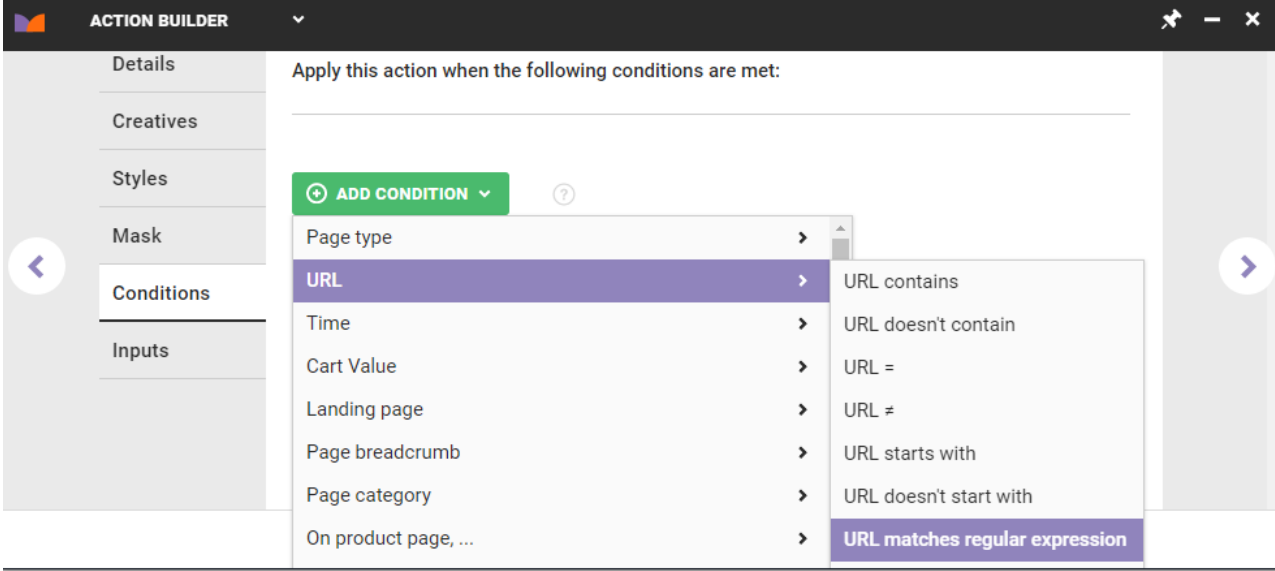
Monetate uses Perl-style regular expressions, which aren't case-sensitive. The following parameters are recognized in regular expressions:

- Modifiers
- Brackets
- Metacharacters
- Quantifiers

For more information about creating regular expressions, refer to W3Schools' [JavaScript RegExp Reference](#), or use the [Regular Expression Editor and Debugger](#) tool by Regex101.

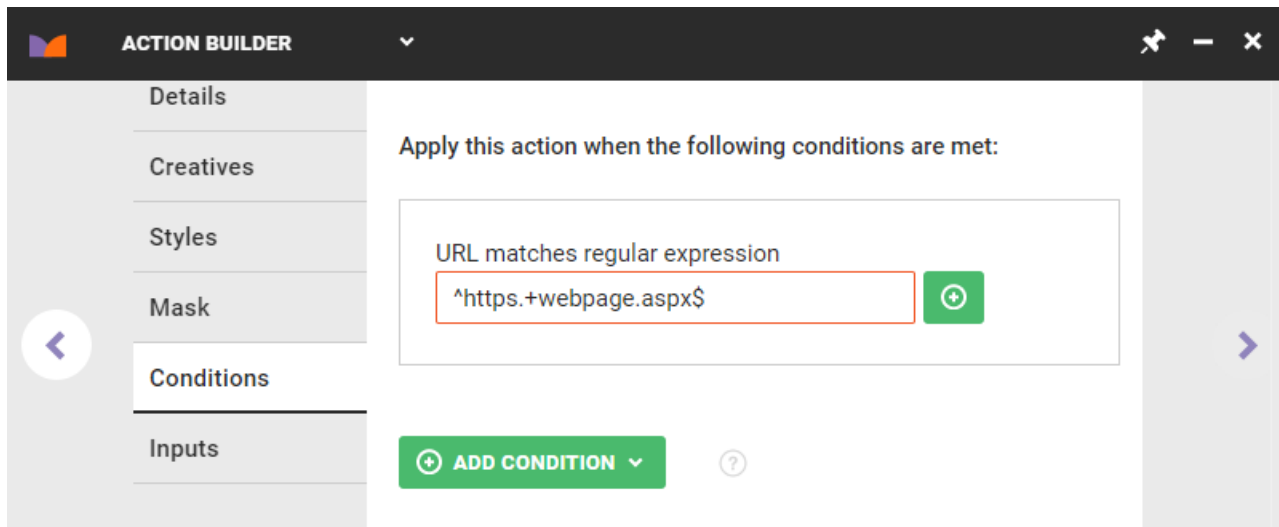
In Action Builder

When you create an action in Action Builder, you input regular expressions on the **Conditions** tab by selecting **URL matches regular expression** from the **URL** category in **ADD CONDITION**.



You can use the following regular expression on the to specify a content mask that only appears on URLs that end with `webpage.aspx` :

```
^https.+webpage.aspx$
```



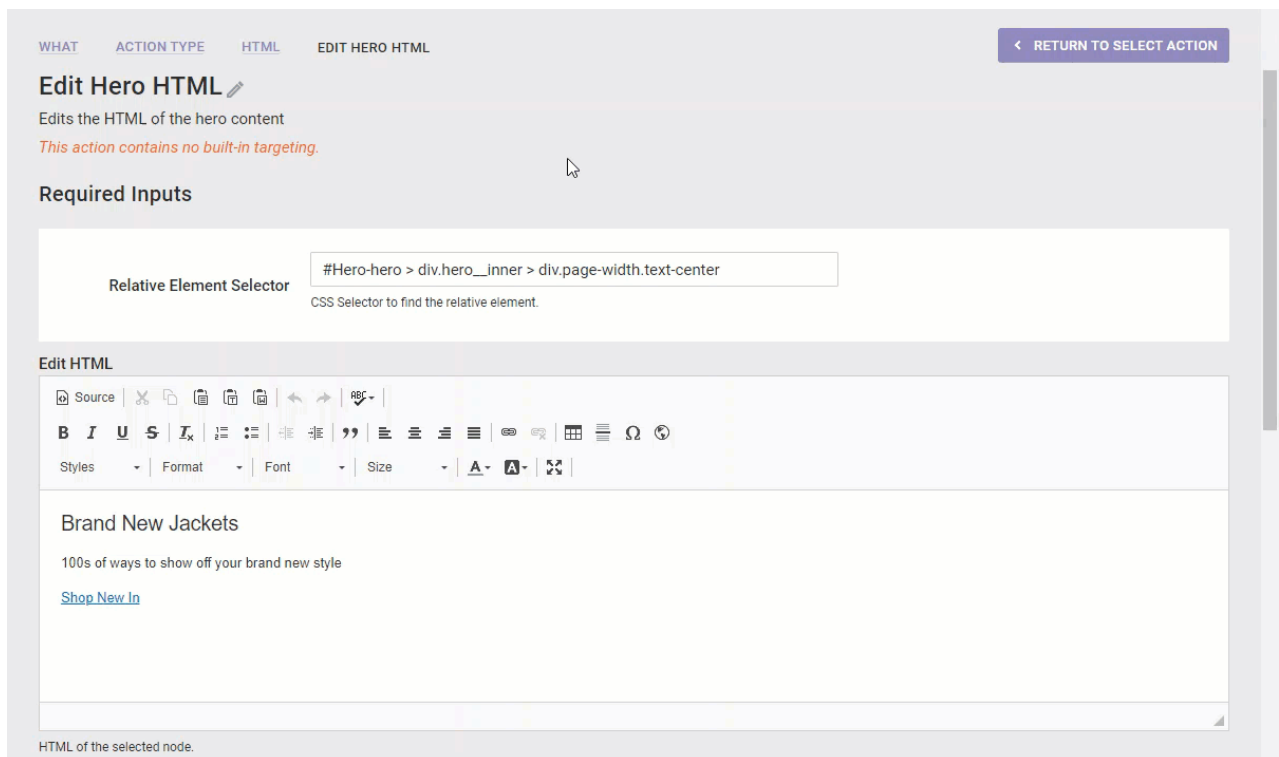
In Full-Page Test Experiences

For a Full-Page Test experience, you can use the following expressions:

- **Location to test** – `^https.+webpage.aspx$`
- **Replacement page** – `https://example.com/new.aspx`

At the Experience Level

You can apply an action condition with a regular expression for an action at the experience level.



Here's an example of a regular expression used in an action condition added at the experience level:

```
^https.+webpage.aspx$
```

This regex would match these URLs:

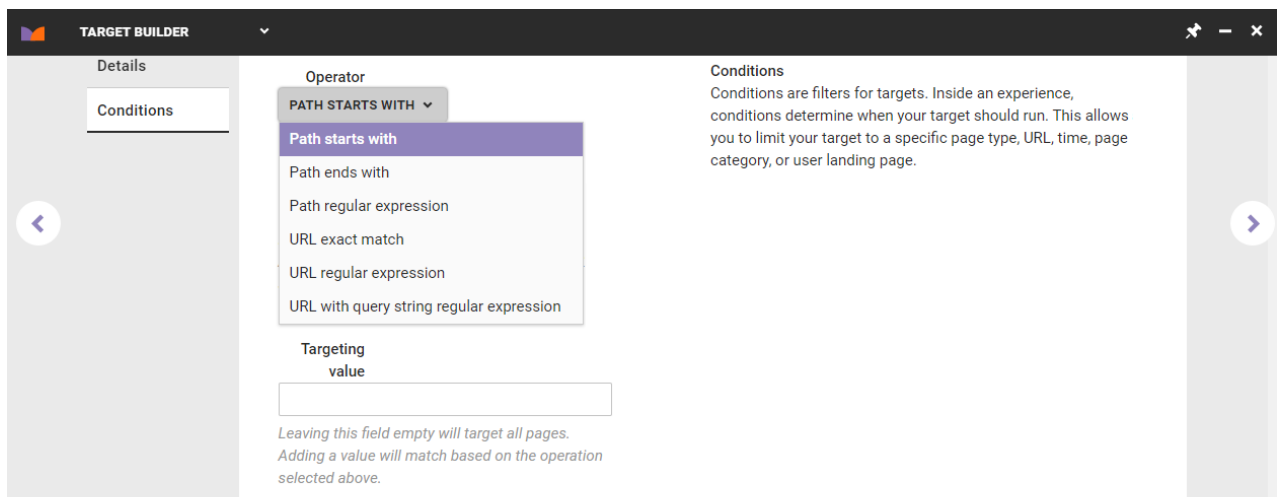
- `https://example.com/webpage.aspx`
- `https://example.com/webpage.ASPX`

It wouldn't match these URLs:

- `https://example.com/webpage.asp`
- `http://example.com/webpage.aspx`

In Target Builder

On the **Conditions** tab in Target Builder, you can input regular expressions that act as a filter for when the target should be evaluated.



Enable Logging You can preview this functionality in the Monetate Inspector.