CHANGEDETECTION.IO GROUPS SETTINGS IMPORT BACKUP



v0.45.24

General Request Browser Steps Visual Filter Selector Filters & Triggers Notifications Stats

### **Pro-tips:**

- Use the preview page to see your filters and triggers highlighted.
- Some sites use JavaScript to create the content, for this you should use the Chrome/WebDriver Fetcher

### CSS/JSONPath/JQ/XPath Filters

/html/body/div[2]/div[4]/div[4]/div[2]/div[5]/ul/li[\*]/a

One rule per line, any rules that matches will be used.

- CSS Limit text to this CSS rule, only text matching this CSS rule is included.
- JSON Limit text to this JSON rule, using either JSONPath or jq (if installed).
  - JSONPath: Prefix with json:, use json: \$ to force re-formatting if required, test your JSONPath here.
  - jq: Prefix with jq: and test your jq here. Using jq allows for complex filtering and processing of JSON data with built-in functions, regex, filtering, and more. See examples and documentation here.
- XPath Limit text to this XPath rule, simply start with a forward-slash. To specify XPath to be used explicitly or the XPath rule starts with an XPath function: Prefix with xpath:
  - Example: //\*[contains(@class, 'sametext')] or xpath:count(//\*[contains(@class, 'sametext')]), test your XPath here
  - Example: Get all titles from an RSS feed //title/text()
  - To use XPath1.0: Prefix with xpath1:

Please be sure that you thoroughly understand how to write CSS, JSONPath, XPath, or jq selector rules before filing an issue on GitHub! here for more CSS selector help.

## Remove elements

header footer nav .stockticker **CHANGE**DETECTION.IO GROUPS **IMPORT** SETTINGS BACKUP

Text filtering
Limit trigger/ignore/block/extract to;  ✓ Added lines ✓ Replaced/changed lines  ☐ Removed lines  Note: Depending on the length and similarity of the text on each line, the algorithm may consider an addition instead of replacement for example. So it's always better to select Added+Replaced when you're interested in new content.  When content is merely moved in a list, it will also trigger an addition, consider enabling Only trigger when unique lines appear
<ul> <li>Sort text alphabetically</li> <li>Helps reduce changes detected caused by sites shuffling lines around, combine with check unique lines below.</li> </ul>
Only trigger when unique lines appear Good for websites that just move the content around, and you want to know when NEW content is added, compares new lines against all history for this watch.
Trigger/wait for text
Some text to wait for in a line /some.regex\d{2}/ for case-INsensitive regex

- Text to wait for before triggering a change/notification, all text and regex are tested *case-insensitive*.
  Trigger text is processed from the result-text that comes out of any CSS/JSON Filters for this watch
  Each line is processed separately (think of each line as "OR")
  Note: Wrap in forward slash / to use regex example: /foo\d/

# Ignore text



- Each line processed separately, any line matching will be ignored (removed before creating the checksum)
- Regular Expression support, wrap the entire line in forward slash /regex/
- · Changing this will affect the comparison checksum which may trigger an alert
- Use the preview/show current tab to see ignores

## Block change-detection while text matches

For example: Out of stock Sold out Not in stock Unavailable

- Block change-detection while this text is on the page, all text and regex are tested *case-insensitive*, good for waiting for when a product is available again
- Block text is processed from the result-text that comes out of any CSS/JSON Filters for this watch
- All lines here must not exist (think of each line as "OR")
- Note: Wrap in forward slash / to use regex example: /foo\d/

#### **Extract text**

```
/.*gel.*|.*€.*/
/.*gel.*|.*€.*/
```

- Extracts text in the final output (line by line) after other filters using regular expressions or string match;
  - Regular expression example /reports.+?2022/i
  - Don't forget to consider the white-space at the start of a line /.+?reports.+?2022/i
  - Use //(?aiLmsux)) type flags (more information here)
  - Keyword example example Out of stock
  - Use groups to extract just that text example /reports.+?(\d+)/i returns a list of years only
  - Example match lines containing a keyword / .\*icecream .\*/
- One line per regular-expression/string match

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