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# ReturnRegexHandler

## Description

This [handler](#) returns the results of a **regular expression** as a string.

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## Action Class

```
com.dooris.bpm.actionhandler.ReturnRegexHandler
```

---

## Event Type

any

## Action Name

any

## Parameter

**regex**

Here the **regular expressions** to be used are stored. The following Regex example can be used to extract a valid e-mail from an arbitrary text.

```
^[A-Z0-9._%+-]+@[A-Z0-9.-]+\.[A-Z]{2,}$.
```

**content**

The tested string, present as either a variable (`${Prozessvariable}`) or a string directly

## writeNameInVariable

The process variable to which the results are written

## matchAll

matchAll(Boolean) = true : all results are written to the process variable, false : only the first result will be stored.

By default, matchAll is set to true.

## Example

The screenshot shows the Camunda BPMN Editor interface. On the left, a sidebar lists various modeling elements, with 'Automatisierung' (Automation) selected. The main workspace displays a BPMN diagram with an event list. An 'Edit Event' dialog box is open, showing the configuration for a 'Node Leave' event. The 'Aktionsname' (Action Name) is 'ReturnRegexHandler' and the 'Aktionsklasse' (Action Class) is 'com.dooris.bpm.actionhandler.ReturnRegexHandler'. The 'Parameter' field contains the following configuration:

```
regex=~[A-Z0-9_%+]+@[A-Z0-9.]+\.[A-Z]{2,}$.;  
content=${emailListe};  
writeNameInVariable=ersteEmail;  
matchAll=false;
```

The dialog box has 'OK' and 'Abbrechen' (Cancel) buttons. The main editor window also has 'OK', 'Abbrechen', 'Übernehmen' (Apply), and 'Hilfe' (Help) buttons at the bottom.

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Last update: **2021/07/01 09:52**

