

# Regular Expressions

Examples of regular expressions to be used in some parts of Tiki

Tracker validation fields, such as text fields, allow to have some check against a regular expression. Some examples are:

1. Only records with more than 2 letters in the field are allowed:

```
^.{3,}$
```

2. Only lowercase letters, numbers and dashes are allowed:

```
^[a-z0-9\-\-]+$
```

3. Only lowercase letters in emails, therefore, letters, numbers, dots, dashes and underscores are allowed:

```
^[a-z0-9.\@\-\_\-]+$
```

Or an alternative (and more permissive) approach: all except uppercase letters:

```
^[^A-Z]+$
```

4. Numbers between 0 and 1 (very useful to validate probabilities):

```
^((0\.[0-9]*)?|(1\.[0]?))$
```

5. Numbers between 0 and 100 (useful for positive values under and 3 digit threshold like 100):

```
^[0-9]{1}$|^[0-9]{1}[0-9]{1}$|^[1]{1}[0]{1}[0]{1}$|^[100]$
```

6. Positive numbers or zero only (useful for measurements of concentrations of chemical substances, for instance):

**In Tiki 12.x LTS**

```
^[0]{1}$|^(?!0*[.][0]*$|[,]0*$|0*$)\d+[.]?[0,2]$
```

**Since Tiki 14.x**

```
^[0]{1}$|^(?!0*[.][0]*$|[,]0*$|0*$)\d+[.]?[0,2]$
```

7. Uppercase letter, two numbers, dash, two numbers (e.g.: X00-00)

```
[A-Z][0-9][0-9]-[0-9][0-9]
```

8. Any user with the domain name ending with .example.com

`/([^\@]*@[^\,]*.example.com$)/`

Alias names for this page

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