
Question

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Regular expressions - Any tools for caché?

Hi guys,

I have never used regular expressions with caché object script before, so I've read through the documentation, but I am struggling with things that I'd like some help on.

My need is to identify specific html tags and transform them out to something else. Example:

I need to identify those guys in a wider string:

```
"<span style=/"font-family: ";font-weight: bold;/" >BOLD TEXT</span>"
```

```
"<span font-style:italic;/" >ITALIC TEXT</span>"
```

And then they'll become:

```
"<b>BOLD TEXT</b>"
```

```
"<i>ITALIC TEXT</i>"
```

I started off by using this regex pattern <https://community.intersystems.com/post/regular-expression-strip-html-tags>

I played around a bit with the code, wrote some stuff further and:

1st thing is, I can't get the "BANG-MATCH" text written. Why?

```
Set tRegEx = "<[>]*>"
Set htmlSnippet = "<h1>Hello1</h1><h1>Hello2</h1>"
Set regex=##class(%Regex.Matcher).%New(tRegEx)
If regex.Match(htmlSnippet) {
WRITE "BANG-MATCH"
}
```

2nd: I also can't figure out how to loop through the matches - it doesn't even hit the "BANG-LOCATE" as well.

```
while regex.Locate() {
WRITE "BANG-LOCATE"
for i=1:1:regex.GroupCount {
WRITE $b(regex.Group(i))
}
}
```

3rd thing is: is there a web tool for building regular expressions that would provide the output code in caché object script? I know a few online tools but of course they will usually provide output for more wide-spread languages such as java, .net, javascript, etc. This will be very useful for me to work out what the best expression will be to pick up what I need.

Thanks in advance!

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