

---

Subject: Re: Using STREGEX/STRMID

Posted by [Craig Markwardt](#) on Wed, 09 Jun 2010 19:23:55 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Jun 9, 2:19 pm, fgg <fabioquimaraesgoncal...@gmail.com> wrote:

```
> Hello,
>
> I'd like to get the "label" (i.e. 1033) from this string:
>
> IDL> str = '; ROI name: EVF: Layer: pts_slant.shp (Label=1033)'
>
> ...and I was wondering if there is a more elegant/efficient way of
> doing this than:
>
> IDL> pos0 = stregex(str, '=')+1
> IDL> posn = stregex(str, ')')
> IDL> print, strmid(str, pos0, posn-pos0)
```

You want the substring option of STREGEX,

```
str = stregex(str, '\(Label=([0-9]*)\)')', /extract, /sub)
print, str[1]
1033
```

The zeroth substring is the full match.

The first substring is the one enclosed in parentheses. It's a little confusing because the () are used to enclose regex substrings and \() are the literal parentheses expected to appear in the string.

Craig

---

---

Subject: Re: Using STREGEX/STRMID

Posted by [fgg](#) on Wed, 09 Jun 2010 21:01:17 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Jun 9, 12:23 pm, Craig Markwardt <craig.markwa...@gmail.com> wrote:

```
> On Jun 9, 2:19 pm, fgg <fabioquimaraesgoncal...@gmail.com> wrote:
>
>> Hello,
>
>> I'd like to get the "label" (i.e. 1033) from this string:
>
>> IDL> str = '; ROI name: EVF: Layer: pts_slant.shp (Label=1033)'
>
>> ...and I was wondering if there is a more elegant/efficient way of
>> doing this than:
>
```

```
>> IDL> pos0 = stregex(str, '=')+1
>> IDL> posn = stregex(str, ')')
>> IDL> print, strmid(str, pos0, posn-pos0)
>
> You want the substring option of STREGEX,
>
> str = stregex(str, '\\(Label=([0-9]*)\\)', /extract, /sub)
> print, str[1]
> 1033
>
> The zeroth substring is the full match.
> The first substring is the one enclosed in parentheses. It's a little
> confusing because the () are used to enclose regex substrings and \\()
> are the literal parentheses expected to appear in the string.
>
> Craig
```

Perfect. Thank you, Craig.

---