

## Re: sscanf question

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*Source:* [http://coding.derkeiler.com/Archive/C\\_CPP/comp.lang.c/2006-11/msg03135.html](http://coding.derkeiler.com/Archive/C_CPP/comp.lang.c/2006-11/msg03135.html)

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- *From:* [sieg1974@xxxxxxxx](mailto:sieg1974@xxxxxxxx)
  - *Date:* 22 Nov 2006 15:41:08 -0800
- 

Hi,

Actually, the right buffer is the following one.

Andre

```
c0a80174.13cd;received=207.81.158.209
Via: SIP/2.0/UDP
192.168.1.116:5069;branch=z9hG4bK8a948468-ee78-db11-9cdf-00112f2f2fed;rport
From: <sip:102@xxxxxxxxxxxxxx>;tag=82888468-ee78-db11-9cdf-00112f2f2fed
To: <sip:102@xxxxxxxxxxxxxx>;tag=as3a286274
Call-ID: ecdb2bb4-de78-db11-9cdf-00112f2f2fed@dilbert
CSeq: 244 REGISTER
User-Agent: Asterisk PBX
Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY
Expires: 3600
Contact: <sip:102@xxxxxxxxxxxxxx:5069;transport=udp>;expires=3600
Date: Wed, 22 Nov 2006 23:23:08 GMT
Content-Length: 0
```

sieg1974@xxxxxxxx wrote:

Hi,

This piece of code returns `ip = -1062731404 (192.168.1.116)` and `port = 5069`, when the following buffer is used. Can someone explain me how `"%x.%x"` is matching `"192.168.1.116:5069"`?

```
int ip,port;
sscanf(buf+tagStart+strlen("branch="),"%x.%x",&ip,&port);
```

Thanks,

Andre

```
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From: <sip:102@xxxxxxxxxxxxxx>;tag=82888468-ee78-db11-9cdf-00112f2f2fed
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Re: sscanf question

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