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Subject: Sys command truncates captured console output

Posted by [deep](#) on Sat, 15 Jul 2017 10:11:40 GMT

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Hi

I am running sed script on a 1 Mb file from UPP code using Sys(cmd,output) . Ubuntu 16.04. UPP ver 10205

It captures complete output of sed

Recently I changed to UPP ver 11213

Now my Captured output of Sys("SED command",output); is truncated to 2Kb.

I found following change in "LocalProcess.cpp" from version 10205 to 11213.

Ver 10205 Line 513 while((sv = select(pipe[0]+1, set, NULL, NULL, &tval)) > 0)

Ver 11213 Line 513 if ((sv = select(pipe[0]+1, set, NULL, NULL, &tval)) > 0)

Changed "if" back to "while" is working fine for me.

File Core/LocalProcess.cpp working code

```
while((sv = select(pipe[0]+1, set, NULL, NULL, &tval)) > 0) {
  LLOG("Read() -> select");
  char buffer[1024];
  int done = read(pipe[0], buffer, sizeof(buffer));
  LLOG("Read(), read -> " << done);
  if(done > 0)
    res[wp].Cat(buffer, done);
  else if (done == 0) {
    close(pipe[0]);
    pipe[0] = -1;
  }
}
```

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Subject: Re: Sys command truncates captured console output

Posted by [mirek](#) on Sat, 15 Jul 2017 11:03:51 GMT

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Ops.

Can you test this fix, please?

```
int LocalProcess::Finish(String& out)
{
```

```
out.Clear();
while(IsRunning()) {
    out.Cat(Get());
    Sleep(1); // p.Wait would be much better here!
}
for(;;) {
    String h = Get();
    if(h.IsVoid())
        break;
    out.Cat(h);
}
return GetExitCode();
}
```

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Subject: Re: Sys command truncates captured console output  
Posted by [deep](#) on Sat, 15 Jul 2017 11:40:09 GMT  
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Hi Mirek,

Thanks for your quick response.

I reverted while to if in function `bool LocalProcess::Read2(String& reso, String& rese)`

Made changes in `int LocalProcess::Finish(String& out)` as per your message.

It is working correctly as expected.

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