
Subject: Re: Background job on remote machine: problems with IDL_IDLBridge
Posted by [mg.elianto](#) on Fri, 23 Aug 2013 13:49:26 GMT

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Hi Lajos and others.

One of the software support guys here, Joseph H., has found a solution which doesn't require VNC. I am posting his email below. It works for me, I hope it will help others:

If IDL_IDLBridge requires a X session but does **not** require human interaction (i.e. clicking buttons in a GUI or monitoring graphical output) you can do something like this:

1. Create a X frame buffer in a screen session

```
# screen -dmS FRAMEBUFFER Xvfb -pixdepths 8 16 24 :100
```

2. Start your IDL process in different screen session

```
# screen -mS IDL_JOB tcsh -l
```

```
[ Inside screen session ]
```

```
# setenv DISPLAY :100
```

```
# idl
```

```
... do stuff
```

```
[ Detach screen session ]
```

The IDL bridge should survive because its "X session" is now using Xvfb instead of your local X11 forwarding via SSH.

The only difference for me is that I use bash, so I issued

```
# screen -mS IDL_JOB bash -l
```

```
# export DISPLAY=:100
```

The important thing is that the IDL Bridge has been fooled.

Cheers,
Mario
