SCREEN

a window manager that multiplexes a physical terminal between several processes

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Problem:

A large problem (e.g. with Matlab) is running on the machine in my office.
How can I check what is going on from elsewhere, e.g. from home?

Answer:

This can be done if (e.g. Matlab) is started in a SCREEN terminal.

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- SCREEN runs on almost all kinds of Unix (and FreeBSD and Linux, of course).

- There is no GUI required - you just need a connection to a machine that has SCREEN installed.

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Starting SCREEN

```
[105] % screen
```

A VT100 terminal starts inside the window.

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- `Ctrl-A n`   next window
- `Ctrl-A p`   previous window
- `Ctrl-A d`   detach screen

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List SCREEN sessions:

```
[115] % screen -ls
There is a screen on:
        2006.pts-3.ru-lt11     (Detached)
1 Socket in /tmp/uscreens/S-arbenz.
```

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Resume a detached SCREEN session:

```
[116] % screen -r
```

Attach to a not detached screen session (multidisplay mode):

```
[117] % screen -x
```

More information

```
man screen

http://www.gnu.org/software/screen/

http://www.math.fu-berlin.de/
~guckes/screen
```