

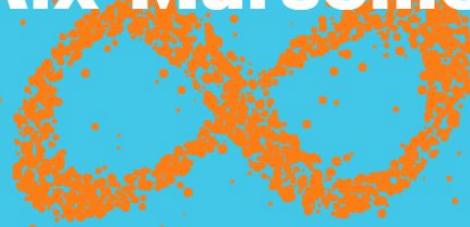
meetup

Demo d'outils

facilitant la vie des devs et des ops !

Jeudi 26 Sep 2019

Devops
Aix-Marseille



UN GRAND MERCI À



TRAXENS

QUI SUIS-JE ?



Ivan Beauté



Alexis Ducastel





Alexis Ducastel



À TÉLÉCHARGER !!



Kahoot!



Sommaire

- I. multipass
- II. sshuttle
- III. telepresence
- IV. Byobu
- V. Oh my Zsh
- VI. fzf, thefuck

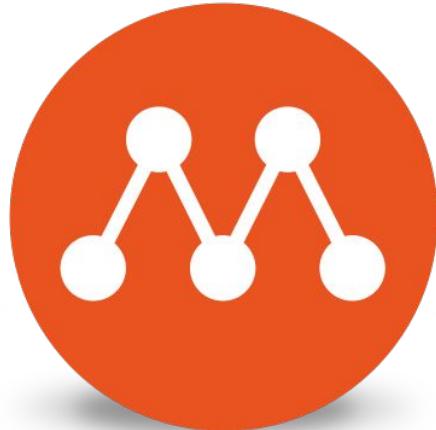
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MULTIPASS



MULTIPASS



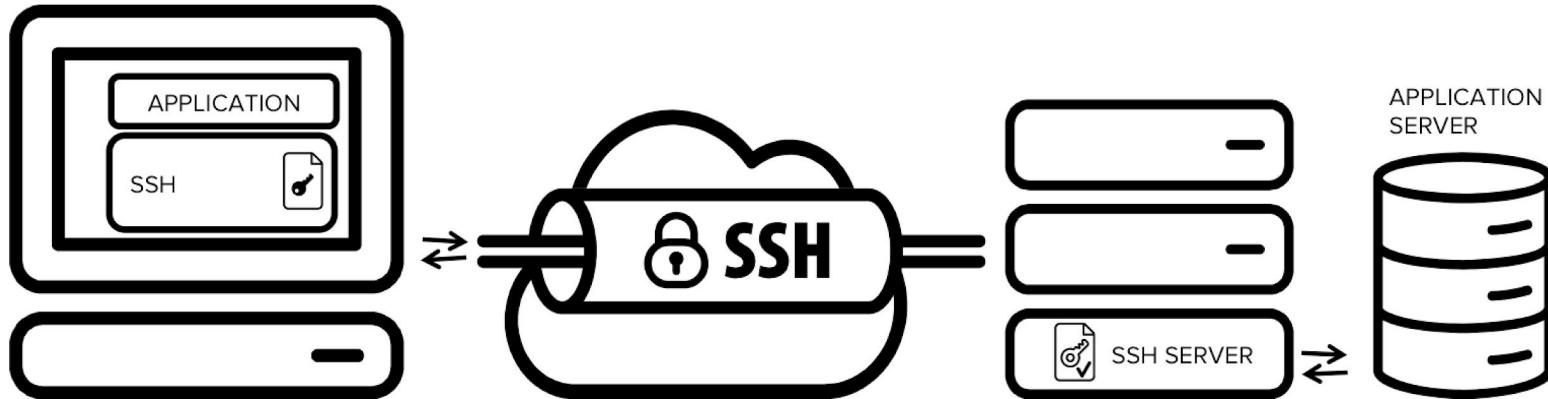
Multipass

<https://multipass.run/>

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SSHUTTLE



SSHUTTLE



sshuttle

<https://github.com/sshuttle/sshuttle>

Sommaire

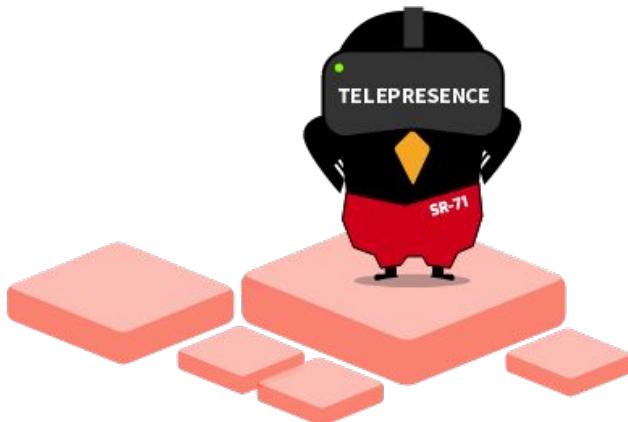
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Telepresence: Fast, realistic development for Kubernetes services

Abhay Saxena



SSHUTTLE



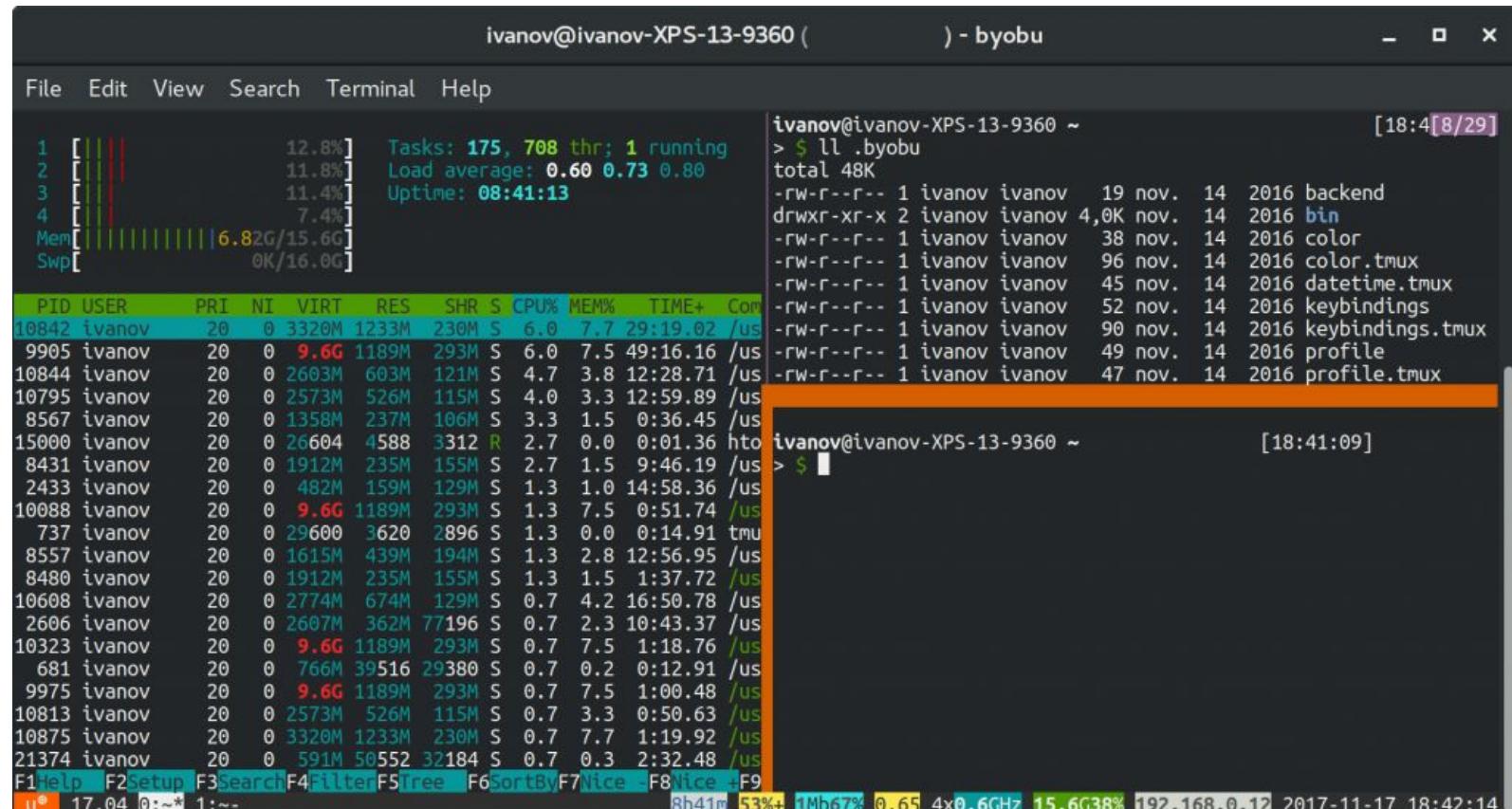
telepresence

<https://www.telepresence.io>

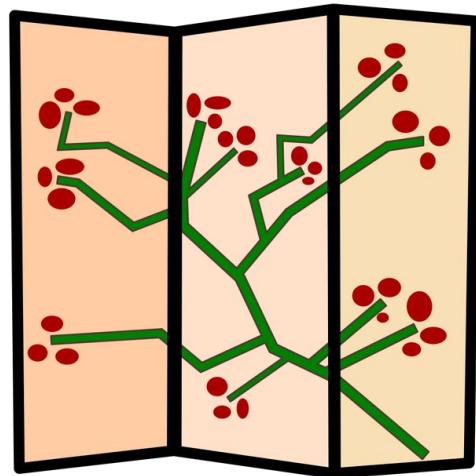
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BYOBU



BYOBU



Byobu

source :

<https://github.com/dustinkirkland/byobu>

BYOBU - DOWNLOAD AND INSTALL

Packages

Alpine Linux

```
apk add byobu
```

Arch

```
pacman -Sy byobu
```

Debian

```
apt-get install byobu
```

Fedora

```
yum install byobu
```

Gentoo

```
emerge byobu
```

Mac OS

```
brew install byobu
```

Mint

```
sudo apt-get install byobu
```

Ubuntu

```
sudo apt-get install byobu
```

BYOBU - PRO TIPS

Touche(s)	Résultat
F2	Créer une nouvelle fenêtre de terminal (nouvel onglet)
F3 / Alt+⇨	Aller à la fenêtre de terminal précédente (onglet précédent)
F4 / Alt+⇨	Aller à la fenêtre de terminal suivante (onglet suivant)
F5	Rafraîchit tous les statuts des notifications
F6	Se détacher de la session de byobu (qui reste ouvert en arrière plan) et se déconnecter (en mode console)
F7	Enter scrollback/search mode
F8	Renomme la fenêtre de terminal courante
F9	Lance le menu de configuration de Byobu
Ctrl+F5	Reconnect any SSH/GPG sockets or agents

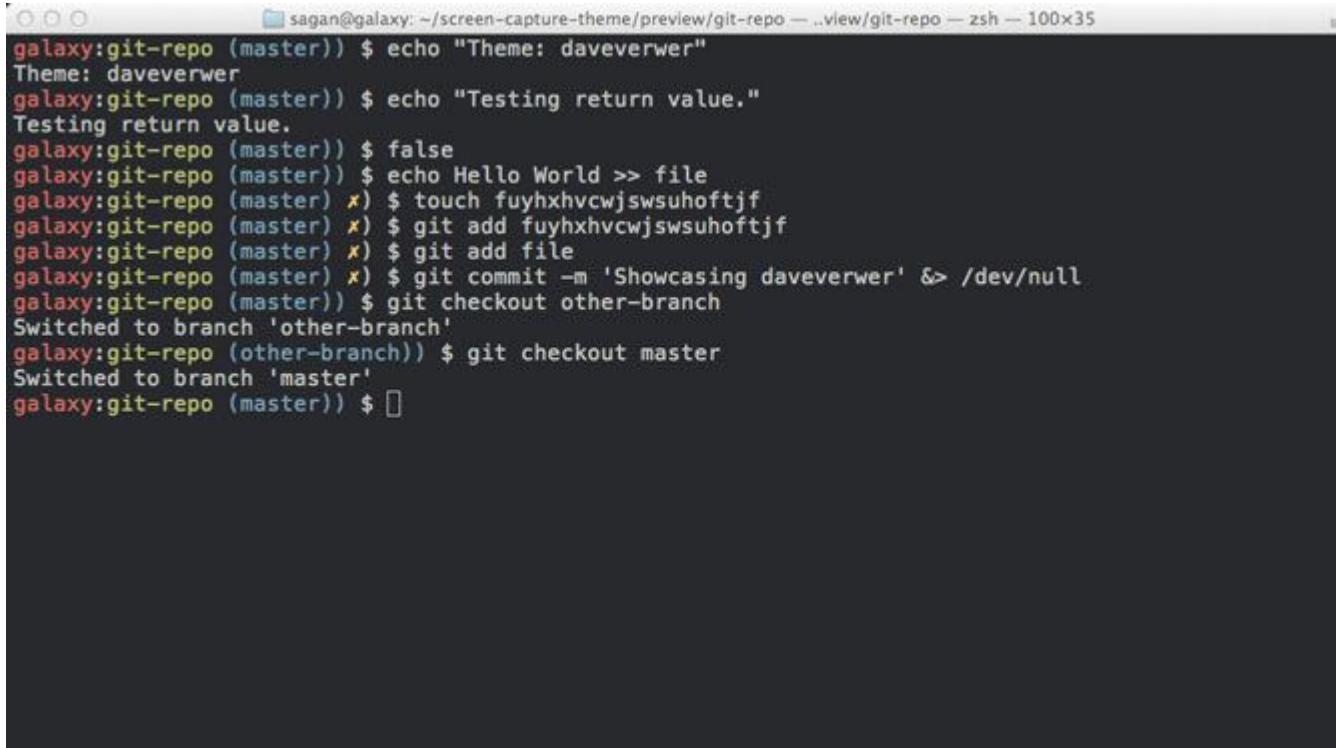
BYOBU - PRO TIPS 2 - LE RETOUR

Touche(s)	Résultat
Shift+F2	Divise l'écran horizontalement
Ctrl+F2	Divise l'écran verticalement
Shift+F3 / Shift+↔	Donne le focus à la division d'écran précédente
Shift+F4 / Shift+↔	Donne le focus à la division d'écran suivante
Ctrl+A+!	Réunit l'écran (fait disparaître toutes les divisions)
Shift+F8	Change la répartition des divisions
Shift+F9 / Alt+F9	Envoyer une commande à toutes les divisions
Alt+Pageup	Scroll back through this window's history
Alt+Pagedown	Scroll forward through this window's history
Alt+F12	Activer/Désactiver le support de la sourie

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OH MY ZSH!



A screenshot of a terminal window titled "sagan@galaxy: ~/screen-capture-theme/preview/git-repo — ..view/git-repo — zsh — 100x35". The terminal displays the following ZSH session:

```
galaxy:git-repo (master) $ echo "Theme: daverwer"
Theme: daverwer
galaxy:git-repo (master) $ echo "Testing return value."
Testing return value.
galaxy:git-repo (master) $ false
galaxy:git-repo (master) $ echo Hello World >> file
galaxy:git-repo (master) ✘ $ touch fuyhxhvcwjswsuhoftjf
galaxy:git-repo (master) ✘ $ git add fuyhxhvcwjswsuhoftjf
galaxy:git-repo (master) ✘ $ git add file
galaxy:git-repo (master) ✘ $ git commit -m 'Showcasing daverwer' &> /dev/null
galaxy:git-repo (master) $ git checkout other-branch
Switched to branch 'other-branch'
galaxy:git-repo (other-branch) $ git checkout master
Switched to branch 'master'
galaxy:git-repo (master) $ 
```

OH MY ZSH!



Oh My ZSH !

source :

<https://github.com/robbyrussell/oh-my-zsh>

OH MY ZSH! - DOWNLOAD AND INSTALL

Prérequis :

- zsh
- curl ou wget

Via curl :

```
sh -c "$(curl -fsSL  
https://raw.githubusercontent.com/robbyrussell/oh-my-zsh/master/tools/install.sh)"
```

Via wget :

```
sh -c "$(wget  
https://raw.githubusercontent.com/robbyrussell/oh-my-zsh/master/tools/install.sh -O  
-)"
```

OH MY ZSH! - THÈMES ET PLUGINS

Thèmes (140+) :

<https://github.com/robbyrussell/oh-my-zsh/wiki/Themes>

Plugins (272) :

<https://github.com/robbyrussell/oh-my-zsh/tree/master/plugins>

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FZF, THEFUCK, ...

```
src/util/eventbox_test.go
src/curses/curses_test.go
src/util/atomicbool.go
src/util/util_test.go
src/tokenizer_test.go
src/chunklist_test.go
src/algo/algo_test.go
src/util/eventbox.go
src/curses/curses.go
src/pattern_test.go
src/options_test.go
src/history_test.go
src/reader_test.go
src/merger_test.go
src/cache_test.go
src/util/util.go
src/tokenizer.go
src/item_test.go
src/constants.go
src/chunklist.go
src/ansi_test.go
src/algo/algo.go
src/terminal.go
src/fzf/main.go
src/pattern.go
> src/options.go
src/matcher.go
src/history.go
src/reader.go
src/merger.go
src/cache.go
src/item.go
src/core.go
src/ansi.go
35/63
> .go$
```

```
package fzf

import (
    "fmt"
    "os"
    "regexp"
    "strconv"
    "strings"
    "unicode/utf8"

    "github.com/junegunn/fzf/src/curses"
    "github.com/junegunn/go-shellwords"
)

const usage = `usage: fzf [options]

Search
  -x, --extended          Extended-search mode
                           (enabled by default; +x or --no-extended to disable)
  -e, --exact              Enable Exact-match
  -i                        Case-insensitive match (default: smart-case match)
  +i                        Case-sensitive match
  -n, --nth=N[...]          Comma-separated list of field index expressions
                           for limiting search scope. Each can be a non-zero
                           integer or a range expression ([BEGIN]..[END]).
  --with-nth=N[...]          Transform the presentation of each line using
                           field index expressions
  -d, --delimiter=STR       Field delimiter regex (default: AWK-style)
  +s, --no-sort              Do not sort the result
  --tac                      Reverse the order of the input
  --tiebreak=CRI[...]        Comma-separated list of sort criteria to apply
                           when the scores are tied [length|begin|end|index]
                           (default: length)
```

fzf



source :

<https://github.com/junegunn/fzf>

setup :

▶ git clone --depth 1

<https://github.com/junegunn/fzf.git>

~/.fzf

▶ ~/.fzf/install

THEFUCK



thefuck

source :

<https://github.com/nvbn/thefuck>

setup :

▶ sudo pip3 install thefuck

kube-ps1

source :

<https://github.com/jonmosco/kube-ps1>

setup :

- ▶ source /path/to/kube-ps1.sh
- ▶ PROMPT='\$(kube_ps1)'\$PROMPT

```
→ ~ (⎈ | minikube:default)
```

httpie

source : <https://github.com/jakubroztocil/httpie>

setup :

- ▶ apt install httpie
- ▶ brew install httpie

gron

source : <https://github.com/tomnomnom/gron>

setup :

- ▶ tar xzf gron-linux-amd64-0.1.5.tgz
sudo mv gron /usr/local/bin/
- ▶ brew install gron
- ▶ go get -u github.com/tomnomnom/gron

QUESTION ?

JOVONS !!



Kahoot!





 meetup.com/Devops-Aix-Marseille
 ibd.sh/slack-devops-aix-marseille



 ibd.sh/openbar



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