

# Bump Up Your Git Skills !

Oct 2015

# Agenda

**Basic Overview**

**git commands**

**1 or 2 github tips**

**Drive safely!**



A photograph of an Ashy Drongo bird perched on a tree branch. The bird has dark, iridescent plumage and a distinctive red eye. It is surrounded by yellowing leaves, suggesting an autumn setting. The background is a clear blue sky.

**Ashy Drongo - 1st  
record to Israel - Dec  
2014**

©Meir Levy



# Git is Hard

Or at least, harder than the non distributed solutions.

Thank Linus



# Git is Great

Work offline (commit, revert, search, etc..)

Backup is (almost) a solved problem

**Fast** - works on content rather than files

# Best Practices in a nutshell

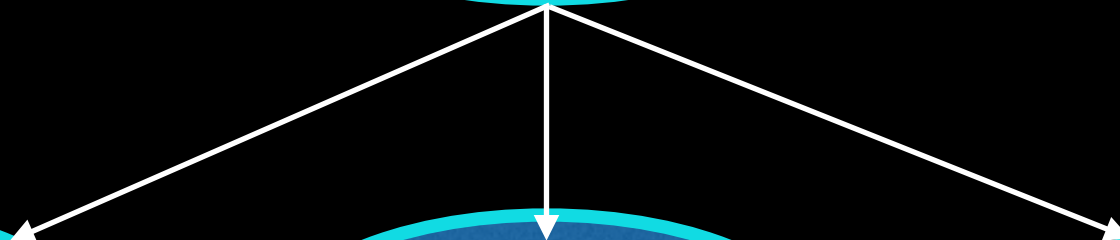
- Know your *git*
- Make sure teammates know their *git* ..
- Rebase, don't merge
- Integrate / tooling
- --Force wisely



Commit Often, Perfect Later, Publish Once

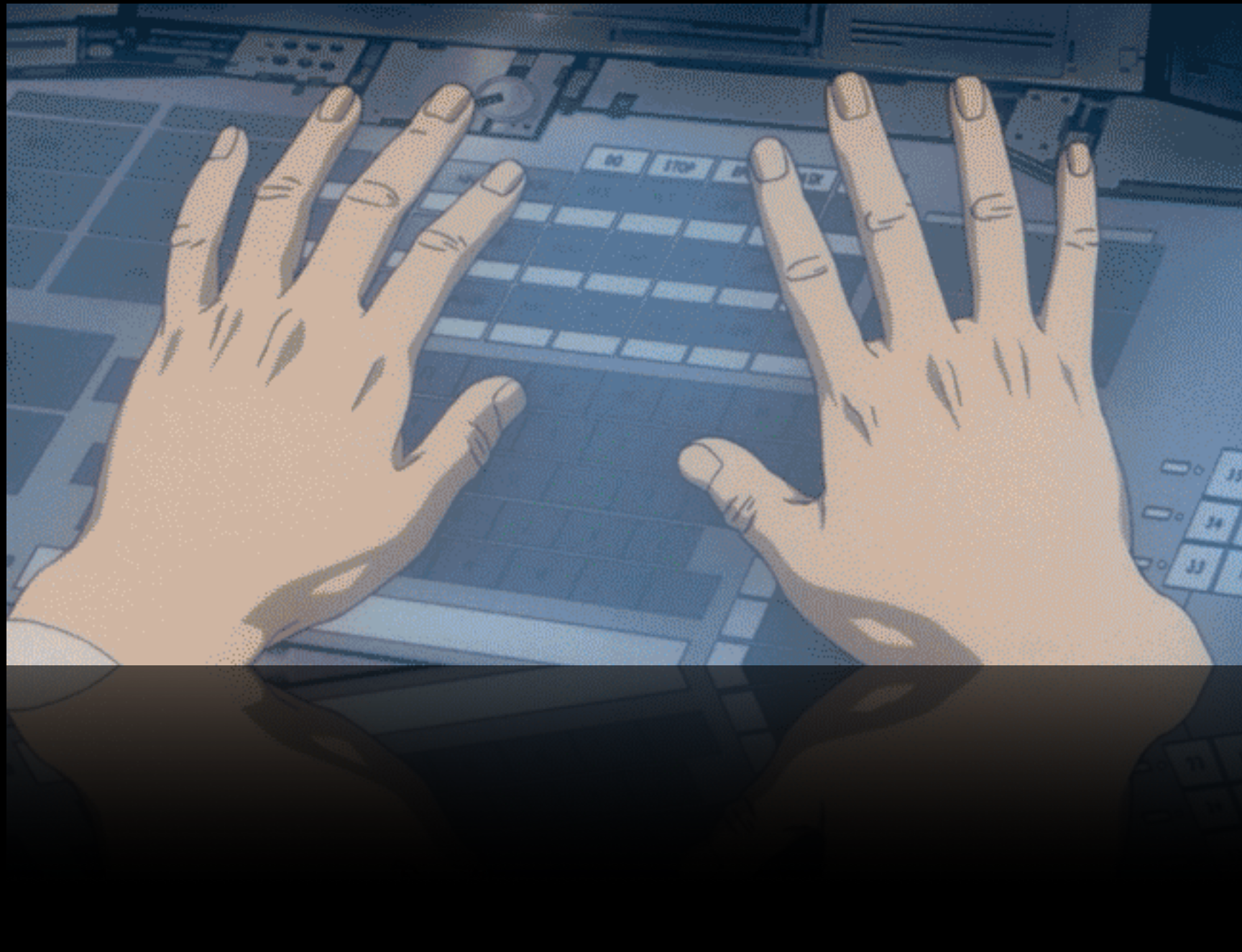
# *git* worlds

Untracked





# It's Lab Time!





# Revert and Revert Merge



# Git Stash



© Yoav Perlman



# Rebase, because – Graphs are hard, Like, really hard.

author authored 5 hours ago

Merge with wave04  
author authored 5 hours ago

wave04#Timeline Merge with wave04/compile\_time\_ref  
author authored 6 hours ago

wave04#ReSharper Merge with wave04/compile\_time\_ref  
author authored 6 hours ago

wave04#ReSharperAutomationTools Merge with wave04/compile\_time\_ref  
author authored 6 hours ago

Merge with wave04/compile\_time\_ref  
author authored 6 hours ago

wave04#Profiler Merge with wave04/compile\_time\_ref  
author authored 6 hours ago

Merge with wave04/compile\_time\_ref  
author authored 6 hours ago

wave04#dotX\_etwservice Merge with wave04/compile\_time\_ref  
author authored 6 hours ago

wave04#DotPeek Merge with wave04/compile\_time\_ref  
author authored 6 hours ago

 **Alex: Shvedov** @controlflow · Oct 2  
Graphs are hard. Like, really hard

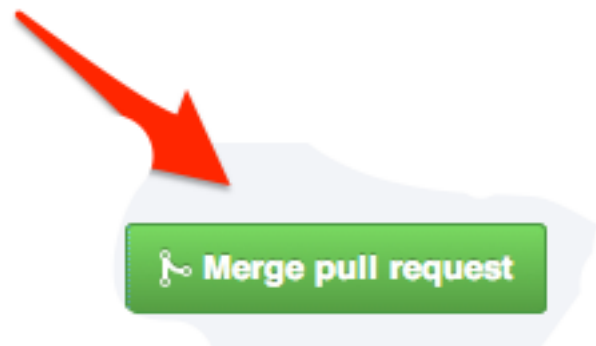
3 10



**rebase, rebase -i , --squash  
(in PR as well)**



**Merge pull Request is Evil**



**blame via log -S**



# git Reflog





# git Config

git config --global alias.co checkout



# git hooks



# Github

?w=1

?author=

fix #122

#Lxxx-xyy





# Thank You!

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