DYALOG

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# Workshop TP2
# APL in the Cloud
# Introduction

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# Excuses / Apologies...

- This stuff is changing rapidly: 6 month old web pages are already obsolete
- My understanding evolves every day
- Preparing for the workshop was a huge learning experience for me
- The pre-requisites are complex and mutated constantly.

- Hopefully I can we can start a journey together and share tools that we develop

# Before we begin

- Copy the USB Stick to somewhere nice
  - Or get it from https://tinyurl.com/ycfk86ak
- Quick intro + expectations / goals
- Do you have:
  - Linux available
    - With APL installed?
  - RIDE installed?
  - Git installed?
  - docker & docker-compose installed?
  - PuTTY or equivalent ssh client installed?
  - DockerHub account?
  - An AWS account set up?
- Brought an application?

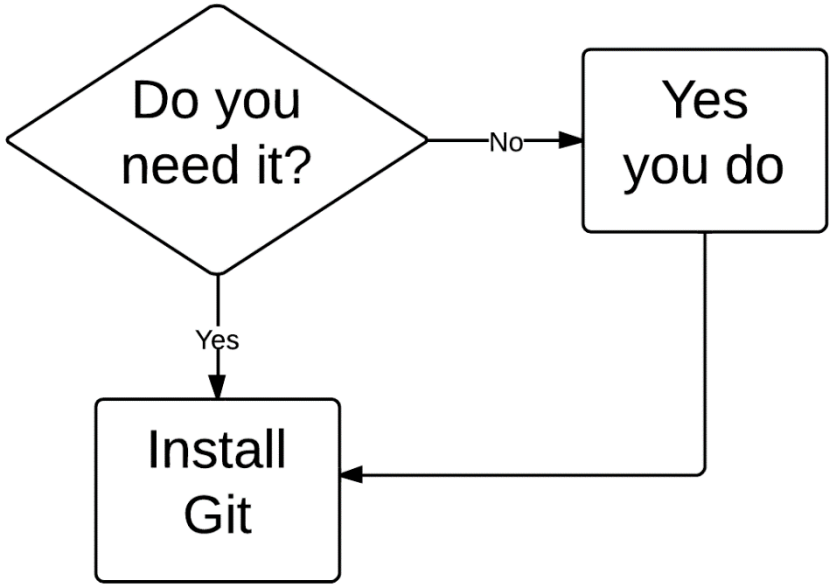
# Agenda

- Introduce Dyalog APL for Linux and RIDE
- Introduce the JSONServer framework
- Introduce Docker
  - Build, Run, Push
- Public Dyalog containers & scripts
- docker-compose
- Deploy our application to AWS

Not planning to do:

- Windows apps on the cloud
- Sharing data on the cloud
- Kubernetes

# Version Control Flowchart



# Inspect the contents of the USB stick