



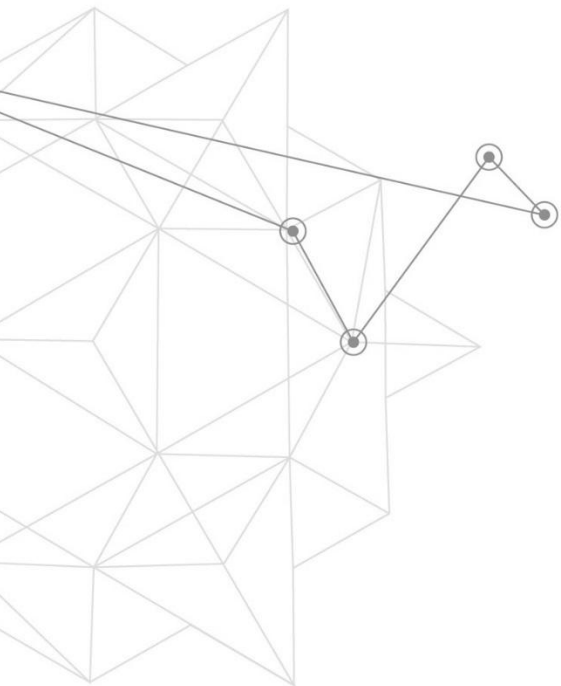
# Engage Workshop

**San Jose, California  
September 20-22, 2016**



# Agenda

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- Team introductions
- Software installation
- Project orientation
- Training overview
- Hands-on training
- Guidelines and best practices
- Architecture & adoption discussion

# AMP Team

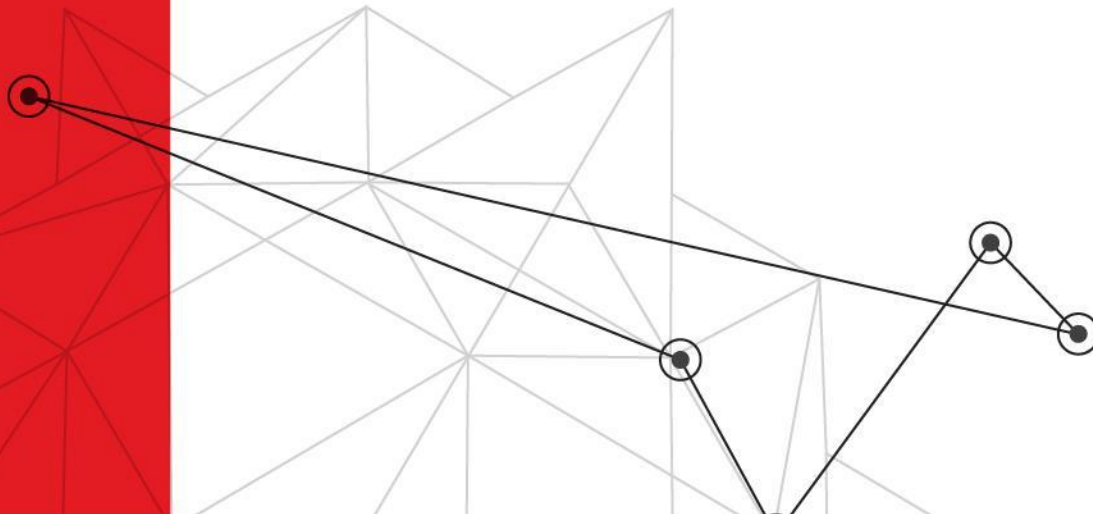
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Developing with AMP

# Software Installation



# Software Tools for the Workshop

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## Developer prerequisites

- bash
  - Windows 10:  
<https://msdn.microsoft.com/en-us/commandline/wsl/about>
  - Other Windows: <https://git-for-windows.github.io/>
- git
- make
- Editor (try Atom: <https://atom.io/>)

# Software Tools for the Workshop

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- Docker
- Go
- Node.js

# Docker

Minimum version: 1.12.x

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<https://docs.docker.com/engine/installation/>

- Various Linux distributions
- Docker for Mac
- Docker for Windows

<https://www.docker.com/>

# Go

Version: 1.7.1

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<https://golang.org/dl/>

- Linux
- Apple OS X
- Microsoft Windows

<https://golang.org/>



# Configure Go environment

Set \$GOPATH

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Choose a location for your Go workspace. Ex:

/home/go

Create workspace directories:

```
$ mkdir -p ~/go ~/go/bin ~/go/pkg ~/go/src
```

# Configure Go environment

(continued)

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Add the workspace location to your environment

```
export GOPATH=~ /go
```

Append the workspace bin directory to your path

```
export PATH=$PATH:$GOPATH/bin
```

(Usually add these to your `~/ .bashrc` or equivalent)

# Go

## Additional Tools

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Glide (package management for Go)

<https://glide.sh/>

```
curl https://glide.sh/get | sh
```

Golint (linter for go source code)

```
go get -u github.com/golang/lint/golint
```

# Node.js

v6.6.0

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<https://nodejs.org/en/download/current/>

Recommended for managing/switching Node versions  
on Linux and OS X: `nvm`

<https://github.com/creationix/nvm>

# AMP

<https://github.com/appcelerator/amp>

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```
$ cd $GOPATH/github.com/appcelerator
```

## ssh

```
$ git clone git@github.com:appcelerator/amp
```

## https

```
$ https://github.com/appcelerator/amp
```

# AMP

## Makefile

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### Install AMP

Installs `amp` and `amplifier` in `$GOPATH/bin`

```
$ cd $GOPATH/github.com/appcelerator/amp  
$ make install
```



Introduction to AMP

# Project Orientation

