

# Community Involvement

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## What I hope you take away from this

I love technology and I feel grateful that I can making a living do something that I gladly do for free/fun. I have received so much from the Open Source community that I am honored to be able to give back. I don't have the elitist developer mentality. I seek qualities in others and address them in a way to improve those qualities.

## StackOverflow answers

- [aws cli not added to path after installation](#)
  - Shows how I don't just give people the answer they seek, but also encourage them to learn how to approach similar future issues.
- [How can I copy the output of a command directly into my clipboard?](#)
  - Shows how I follow the [Unix philosophy](#) even when writing a simple bash script.
- [How can I check if a string represents an int, without using try/except?](#)
  - An example of a "clever" solution to a problem and that I take responsibility for verifying my solutions before I contribute them.
- [How do I redirect output to a variable in shell?](#)
  - Shows how I respectfully teach complex concepts.
- [How do I parse command line arguments in Bash?](#)
  - Is my most popular answer and I refer back to it nearly every day because I write multiple new tools every single day.
- [Returning a boolean from a Bash function](#)
  - Can be considered an example of my approach to coding standards. I don't feel it's productive to enumerate rigid rules for my teams (in most cases). I prefer we share an understanding about why some things are prone to error or misunderstanding and trust that I hired smart people who can choose when to improvise.
- [Using the RUN instruction in a Dockerfile with 'source' does not work](#)
  - Is my explanation of not just how, but also why a common Docker problem/pattern should be avoided.
- [How to get my own IP address and save it to a variable in a shell script?](#)
  - Is something I share a lot because there are lots of fragile/terrible ways that people approach this need.

- [How to sign in kubernetes dashboard?](#)
  - Shows why I love awk for oneliners (and vicariously why I say I like PowerShell's concept of passing objects instead of text streams).
- [How to convert string to integer in UNIX?](#)
  - Is a good example of what I mean by "I love to code because it satisfies my curiosity. I'm lucky to get paid for doing something that I'd be doing for free otherwise."
- [Why does Vim ignore my modeline values?](#)
  - Shows how I accept and celebrate correction.

## GitHub projects

- [Raspberry Pi Pre Init for Kubernetes](#)
  - Is something I'm working on to support a curriculum for my Decatur Makers and some local schools. It uses my original Pi-Init (basically cloud-init for Raspberry Pi) to create a cluster with no human interaction.
- [Arduino On-Ramp](#)
  - Is a class that I teach with Maureen Haley at Decatur Makers.

## Gist

- [Quick Start Guide for `confd`](#)
  - I selected `confd` as preprocessor/templating solution for my team. I wanted them to all get familiar with it, but I felt like the extraneous information in the official documentation was distracting and made it hard to follow. I created an abridged version of the official guide by removing everything but the simplest `[file]` backend. I am a huge proponent of **"Copy-Pasta"** (yes, 🍝 ) and always try to include demos that are ready to paste in a shell.

## etc

There are plenty more in addition to what's below. (This is what I do when I can't sleep.)

<https://stackoverflow.com/questions/2610115/why-is-sed-not-recognizing-t-as-a-tab/43190120#43190120>

<https://superuser.com/questions/365452/how-to-write-awk-here-document/440059#440059>

<https://unix.stackexchange.com/questions/14300/moving-tmux-pane-to-window/30576#30576>

<https://superuser.com/questions/1140830/ssh-agent-forwarding-using-different-username-and-different-keys/1141035#1141035>

<https://stackoverflow.com/questions/2813843/possible-reasons-for-timeout-when-trying-to-access-ec2-instance/29151526#29151526>

<https://stackoverflow.com/questions/20236469/how-can-i-move-ec2-instances-to-a-different-subnet/43643502#43643502>

<https://stackoverflow.com/questions/5130968/how-can-i-copy-the-output-of-a-command-directly-into-my-clipboard/41843618#41843618>