Who invented and maintains Ruby?

* A Japanese developer name Yukihiro “Matz” Matsumoto

What is Ruby used for?

* Closely associated with the web, but it works will for general-purpose scripting.

Is Ruby installed by default on all Linux systems?  Is python?

* Some systems have Ruby installed by default and some do not. You can check by running the command **which ruby**. By default, python2 or python3 are installed, but you would have to check what version you are on by **python --version.**

What does virtualenv do for python and what is its equivalent in ruby?

* **Virtualenv** for python package creates virtual environment that live within their own directories. It also allows you to manage separate installations for different projects. You can switch to different projects anytime you want without having to worry. **RVM (the Ruby enVironment Manager)** it is much more complicated than python’s virtualenv. It is not great for interactive use. RVM manages both Ruby versions and multiple gem collections, and is also able to let you switch projects.

Why do we use git?

* We use git to keep track of configurations and code changes to that when there are problems, we are able to revert back to the good state.

Why was git created?

* Git was created by Linus Torvalds. He created git to manage the Linux kernel source code because he was getting so frustrated with the all the version control systems that existed at the time.

What does git add . do?

* **git add .** copies to Git’s “index” which is a staging area for the upcoming commit. git add really means “cp from the working directory to the index.

What is the difference between git and github?

* **Git** is a tool that manages the source code revisions. It helps developers collaborate remotely. **GitHub** is a hosting service for Git repositories.