Docker Containers Implementations
Getting Started with Docker - Installation Demo

	Ubuntu	CentOS

Repo-Update | Utilis	`sudo apt-get install \`
	`    apt-transport-https \`
	`    ca-certificates \`
	`    curl \`
	`    gnupg-agent \`
	`    software-properties-common`
		`sudo yum install -y yum-utils`

Docker GPG Key	`curl -fsSL https://download.docker.com/linux/ubuntu/gpg |` `sudo apt-key add -`	

Add-Docker-Repo	`sudo add-apt-repository \`
	`    "deb [arch=amd64] https://download.docker.com/linux/`
	`ubuntu \`
	`    $(lsb_release -cs) \`
	`    stable"`
		`sudo yum-config-manager \`
		`    --add-repo \`
		`    https://download.docker.com/linux/centos/`
		`docker-ce.repo`

Installing Docker	` sudo apt-get update`
	` sudo apt-get install docker-ce docker-ce-cli`
	`containerd.io`
		`sudo yum install docker-ce docker-ce-cli`
		`containerd.io`
		
		`$then`
		`sudo systemctl start docker`

#init6

Docker Containers Essentials

Basic Command line- Pulling and running a container

`Docker pull <image_name>`

- Retrieves an image (layered Image) from a remote **repository.** Images are composed of layers

- Layers are applied to create the container's filesystem

`Docker run <image_name>`

- Pulls image from Default or custom Repo (if not already pulled)

- Executes a process in a new layer on top of image

- Layer is Copy-On-Write (COW)

#init6