## UI Server Installation

### Web Application

* In /var/www/ folder, create a biocaddie folder

sudo mkdir biocaddie

* Go to the biocaddie folder, create a dev folder for development

cd biocaddie

- sudo git clone https://github.com/biocaddie/BioCaddie-core-UI.git

- Install php

sudo yum install php

* Install composer

Download composer installer in my home dir.

cd ~

curl -s http://getcomposer.org/installer | php

Go /var/www/biocaddie/biocaddie-ui install dependency.

cd var/www/biocaddie/ biocaddie-ui

sudo php <user home>/composer.phar install --no-dev

* Change the ip address in /config/config.php to the new servers

The IP addresses for elasticsearch and database if neccessary

* Copy the files in the dev folder into the /var/www/biocaddie folder:

Under dev/biocaddie-ui/ folder:

sudo cp -r \* ../../

* Install php-xml extension

sudo yum install php-xml

service httpd restart

### Apache Setup for MySQL access

* Install pdo for mysql (sudo yum install php-mysql)
* Creat a config file as /etc/httpd/conf.d/virtual.conf for apache virtual hosts
  1. Added entry for domain alias in apache
* Open http service.

## Elastic Search installation

Download elasticsearch tar file and untar it in a folder you want.

curl -L -O https://download.elastic.co/elasticsearch/elasticsearch/elasticsearch-1.7.6.tar.gz

tar -xvf elasticsearch-1.7.6.tar.gz

cd elasticsearch-1.7.6/bin

To run elasticsearch:

./elasticsearch

You can use nohup to run elasticsearch as a background process.

## Ingestion Pipeline download and Installation

<https://github.com/biocaddie/Foundry-ES>