Table of Contents

[Account : 2](#_Toc48141903)

[Clone Repo from Bitbucket 2](#_Toc48141904)

[Add SSH Key Before clone repo 2](#_Toc48141905)

[Development 2](#_Toc48141906)

[Install From Terminal Command: 2](#_Toc48141907)

[Command Start Development: 2](#_Toc48141908)

[Deployment 3](#_Toc48141909)

[Configure API URL For ENV Development and Production from this file: 3](#_Toc48141910)

[SSH Droplet Instruction 3](#_Toc48141911)

[Add New SSH Key 3](#_Toc48141912)

[Login as Root ON SSH DROPLET 4](#_Toc48141913)

[Install Nodejs ON SSH DROPLET 4](#_Toc48141914)

[Create SSH Key for Github / Bitbucket from Ubuntu ( To Access Git Clone Permission ) 4](#_Toc48141915)

[Clone dhealth Repo to ssh Droplet 4](#_Toc48141916)

[Install dHealth Repo On Droplet 4](#_Toc48141917)

[Use PM2 to run server 5](#_Toc48141918)

[Change port 80 on production (running server without port) 5](#_Toc48141919)

[Build 6](#_Toc48141920)

[Start pm2 server using ecosystem.config.js 6](#_Toc48141921)

[Check pm2 Running on droplet 6](#_Toc48141922)

[Start / Stop pm2 Running on droplet 6](#_Toc48141923)

[How to restart server 7](#_Toc48141924)

[HOW TO CHANGE IP TO YOUR OWN DOMAIN 7](#_Toc48141925)

[Digital Ocean Domain NameServer 7](#_Toc48141926)

[To use subdomain 7](#_Toc48141927)

[To use Domain 8](#_Toc48141928)

# Account :

* Gmail , Google Maps
* Bitbucket **-**[bitbucket.org](http://bitbucket.org/)/dHealth-culturo
* Tinymce **-**[https://www.tiny.cloud/my-account](https://www.tiny.cloud/my-account/onboarding/)

User: [developer.dhealth@gmail.com](mailto:developer.dhealth@gmail.com)

Password: Dhealth123

# Clone Repo from Bitbucket

|  |
| --- |
| Add SSH Key Before clone repo <https://bitbucket.org/dHealth-culturo/dhealth-culturo/admin/access-keys/> |
| Clone Command:    $ git clone [git@bitbucket.org](mailto:git@bitbucket.org):dHealth-culturo/dhealth-culturo.git |

# Development

## Install From Terminal Command:

* Change directory to cloned project folder
* $ npm install

## Command Start Development:

* $ npm run dev
* Now open your browser, [http://localhost:3000/](http://localhost:3000/en/testimonial)

# Deployment

## Configure API URL For ENV Development and Production from this file:

/dhealth-culturo/config/api.js

## SSH Droplet Instruction

|  |
| --- |
| Create Droplets Digital Ocean  <https://cloud.digitalocean.com/droplets>  /var/folders/4w/fm55kxfd5x74hzhtcxmmzs280000gp/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p2220 Add New SSH Key Generate ssh key mac for droplet using terminal  <https://docs.joyent.com/public-cloud/getting-started/ssh-keys/generating-an-ssh-key-manually/manually-generating-your-ssh-key-in-mac-os-x>  $  ssh-keygen -t rsa  $ pbcopy < ~/.ssh/id\_rsa.pub Login as Root ON SSH DROPLET $ ssh root@128.199.71.93 Install Nodejs ON SSH DROPLET root@128.199.71.93: curl -sL <https://deb.nodesource.com/setup_lts.x> | sudo -E bash -  root@128.199.71.93: sudo apt-get install -y nodejs  root@128.199.71.93: apt install nodejs Create SSH Key for Github / Bitbucket from Ubuntu ( To Access Git Clone Permission ) Run ssh-keygen command:  root@128.199.71.93: ssh-keygen -t rsa -C "[culturo.co.id@gmail.com](mailto:culturo.co.id@gmail.com)"  Check:  root@128.199.71.93: cat /home/{your user name}/.ssh/id\_rsa.pub  or  root@128.199.71.93: cat ~/.ssh/id\_rsa.pub  **Open Bitbucket**  [developer.dhealth@gmail.com](mailto:developer.dhealth@gmail.com) / Dhealth123  [bitbucket.org](http://bitbucket.org/)/dHealth-culturo  Copy this id\_rsa.pub key to repository setting bitbucket/github  <https://bitbucket.org/dHealth-culturo/dhealth-culturo/admin/access-keys/> Clone dhealth Repo to ssh Droplet root@128.199.71.93: git clone [git@bitbucket.org](mailto:git@bitbucket.org):dHealth-culturo/dhealth-culturo.git Install dHealth Repo On Droplet Change to cloned project folder:  root@128.199.71.93: ls  root@128.199.71.93: cd dhealth-culturo  root@128.199.71.93: npm install Use PM2 to run server root@128.199.71.93: sudo npm install -g pm2 Change port 80 on production (running server without port) /var/folders/4w/fm55kxfd5x74hzhtcxmmzs280000gp/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p2229  $ sudo apt-get install libcap2-bin  $ sudo setcap cap\_net\_bind\_service=+ep `readlink -f \`which node\``  **IF SETUP IS FINISHED , YOU CAN ALWAYS SKIP TO BUILD ACTIVITY** Build Always get the latest repo ( git pull )  root@128.199.71.93: npm run build Start pm2 server using ecosystem.config.js **You can see ecosystem.config.js file on root folder**  /var/folders/4w/fm55kxfd5x74hzhtcxmmzs280000gp/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p2224  root@128.199.71.93:**pm2 start ecosystem.config.js --env production** Check pm2 Running on droplet [root@128.199.71.93](mailto:root@128.199.71.93): pm2 list Start / Stop pm2 Running on droplet [root@128.199.71.93](mailto:root@128.199.71.93): pm2 start dHealth (Deployed)  [root@128.199.71.93](mailto:root@128.199.71.93): pm2 stop dHealth How to restart server root@128.199.71.93: sudo poweroff  *Then Login again as Root from terminal:*  $ ssh [root@128.199.71.93](mailto:root@128.199.71.93) HOW TO CHANGE IP TO YOUR OWN DOMAINDigital Ocean Domain NameServer /var/folders/4w/fm55kxfd5x74hzhtcxmmzs280000gp/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p2225 To use subdomain /var/folders/4w/fm55kxfd5x74hzhtcxmmzs280000gp/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p2226 To use Domain /var/folders/4w/fm55kxfd5x74hzhtcxmmzs280000gp/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p2227  /var/folders/4w/fm55kxfd5x74hzhtcxmmzs280000gp/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p2228  **Use DNS records to domain nameservers** |