1. **FILE : telkomsel.php**

- Digunakan untuk membuat query data,yaitu $sql3, yang akan dipanggil di telegram2.php.

<?php

$loader = require \_\_DIR\_\_.'/vendor/autoload.php';

//Inisialisasi

$token\_bot = '126456181:AAEHTxqNBcbujlsmweSkWS1c-yAMvUbH8rQ';

$nama\_bot = 'telkomselAlarmBot';

$hostname='10.6.101.40';

$username='sai\_vlr';

$password='s41\_vlr';

$database='Vlr\_LocUp';

$ID\_Penerima=-5590065;

$sql3="SELECT act\_alarm\_yog.ALARM\_NAME,act\_alarm\_yog.NE\_NAME,act\_alarm\_yog.SEVERITY,act\_alarm\_yog.ALARM\_TIME,dapotradio.BAND\_COVERAGE,dapotradio.SITECLASS,dapotradio.TOWERPROVIDER,dapotradio.RTPO FROM act\_alarm\_yog LEFT JOIN dapotradio ON act\_alarm\_yog.NE\_NAME=dapotradio.SERVERBTSNODEBNAME WHERE (RTPO='YOGYAKARTA' OR RTPO='MAGELANG' OR RTPO='BANJARNEGARA' OR RTPO IS NULL) AND NE\_NAME NOT LIKE '%SMG%' AND NE\_NAME NOT LIKE '%KND%' AND NE\_NAME NOT LIKE '%UNR%' AND NE\_NAME NOT LIKE '%BATANG%' AND NE\_NAME NOT LIKE '%PURWOKERTO%' AND ALARM\_TIME>SUBTIME('2015-09-28 09:00:01','124:0') GROUP BY act\_alarm\_yog.NE\_NAME";

//Koneksi database

$credentials = array('host'=>$hostname, 'user'=>$username, 'password'=>$password, 'database'=>$database);

$dbhandle = mysql\_connect($hostname, $username, $password) or die("Tidak bisa konek ke MySQL");

$selected = mysql\_select\_db($database,$dbhandle) or die("Tidak ada database");

try {

//Membuat objek Telegram

$telegram = new Longman\TelegramBot\Telegram($token\_bot, $nama\_bot);

//Menentukan admin

$telegram->enableAdmins(array('130553029'));

//Koneksi telegram ke database

$telegram->enableMySQL($credentials);

$telegram->handleGetUpdates();

} catch (Longman\TelegramBot\Exception\TelegramException $e) {

//Log eror

echo $e->getMessage();

}

1. **FILE : telkomsel.sh**

- Digunakan untuk scheduler yang mengambil data dari server telegram terkait perintah user setiap interval waktu tertentu (dalam skrip ini 5 detik)

#!/bin/bash

#jalankan skrip telkomsel.php setiap 5 detik

while true

do

php telkomsel.php

sleep 5

done

1. **FILE : telegram2.php**

* Digunakan untuk mengatur data yang ingin ditampilkan di telegram

<?php

date\_default\_timezone\_set('Asia/Jakarta');

$t=time();

$date1="'".date("Y-m-d H:i:s",$t)."'";

//Inisialisasi yang bisa diubah

$sql3="SELECT act\_alarm\_yog.ALARM\_NAME,act\_alarm\_yog.NE\_NAME,act\_alarm\_yog.SEVERITY,act\_alarm\_yog.ALARM\_TIME,dapotradio.BAND\_COVERAGE,dapotradio.SITECLASS,dapotradio.TOWERPROVIDER,dapotradio.RTPO FROM act\_alarm\_yog LEFT JOIN dapotradio ON act\_alarm\_yog.NE\_NAME=dapotradio.SERVERBTSNODEBNAME WHERE (RTPO='YOGYAKARTA' OR RTPO='MAGELANG' OR RTPO='BANJARNEGARA' OR RTPO IS NULL) AND NE\_NAME NOT LIKE '%SMG%' AND NE\_NAME NOT LIKE '%KND%' AND NE\_NAME NOT LIKE '%UNR%' AND NE\_NAME NOT LIKE '%BATANG%' AND NE\_NAME NOT LIKE '%PURWOKERTO%' AND NE\_NAME NOT LIKE '%BANYUMAS%' AND NE\_NAME NOT LIKE '%SALATIGA%' AND ALARM\_TIME>SUBTIME($date1,'24:0') GROUP BY act\_alarm\_yog.NE\_NAME";

$username = "sai\_vlr";

$password = "s41\_vlr";

$hostname = "10.6.101.40";

$ID\_Penerima = -5590065;

$GLOBALS['token\_bot']="126456181:AAEHTxqNBcbujlsmweSkWS1c-yAMvUbH8rQ";

$database="Vlr\_LocUp";

$nama\_bot = 'telkomselAlarmBot';

//Fungsi mengirim dengan $perintah = perintah yang akan dilakukan dan keterangan = keterangan dari perintah (contoh : chat\_id, text, dsbg.)

function kirimperintah($perintah, array $keterangan=null)

{

$url="https://api.telegram.org/bot".$GLOBALS['token\_bot']."/";

$url.=$perintah."?";

$ch=curl\_init();

curl\_setopt($ch,CURLOPT\_URL,$url);

curl\_setopt($ch,CURLOPT\_RETURNTRANSFER, 1);

curl\_setopt($ch,CURLOPT\_POSTFIELDS,$keterangan);

$output = curl\_exec($ch);

curl\_close($ch);

return $output;

}

//Konek ke database;

$dbhandle = mysql\_connect($hostname, $username, $password) or die("Tidak bisa konek ke MySQL");

$selected = mysql\_select\_db($database,$dbhandle) or die("Tidak ada database");

//Query dari database

$result = mysql\_query($sql3);

$i=1;

$arrtext=array();

while ($row = mysql\_fetch\_array($result))

{

$arrtext[$i]['time']=$row{'ALARM\_TIME'};

$arrtext[$i]['nama\_alarm']=$row{'ALARM\_NAME'};

$arrtext[$i]['ne\_name']=$row{'NE\_NAME'};

$arrtext[$i]['severity']=$row{'SEVERITY'};

$arrtext[$i]['band']=$row{'BAND\_COVERAGE'};

$arrtext[$i]['siteclass']=$row{'SITECLASS'};

$arrtext[$i]['tower']=$row{'TOWERPROVIDER'};

$arrtext[$i]['rtpo']=$row{'RTPO'};

$i++;

}

//Menyimpan hasil query ke variabel $tes

$jum\_arr=count($arrtext);

$per\_hal=5;

if ($jum\_arr<=$per\_hal){

$jumlah=$jum\_arr;

}

else{

$jumlah=$per\_hal;

}

$nomor=1;

$halaman=1;

for($k=1;$k<=$jum\_arr;$k+=5){

$tes="-ALARM TELKOMSEL HAL ".$halaman."-\n\n";

for($j=$k;$j<$k+5;$j++){

if($arrtext[$j]){

$tes.=$nomor.". Nama Site : ".$arrtext[$j]['ne\_name']."\n Info Alarm : ".$arrtext[$j]['nama\_alarm']."\n Severity : ".$arrtext[$j]['severity']."\n Band : ".$arrtext[$j]['band']."\n Site Class : ".$arrtext[$j]['siteclass']."\n Provider Tower : ".$arrtext[$j]['tower']."\n RTPO : ".$arrtext[$j]['rtpo']."\n Waktu : ".$arrtext[$j]['time']."\n\n";

$nomor++;

}

}

$tes.="----ALARM TELKOMSEL----\n";

$halaman++;

$data['chat\_id']=$ID\_Penerima;

$data['text']=$tes;

//Mengirim pesan yang disimpan di variabel $tes ke user/grup

kirimperintah("sendMessage",$data);

}

//Menutup database

mysql\_close($dbhandle);

?>

1. **FILE : telegram2.sh**

- Digunakan untuk scheduler waktu penampilan data dari telegram2.php.

- 1800 berarti 30 menit (60 detik x 30 menit). Jadi data telegram2.php ditampilkan dalam interval waktu 30 menit

#!/bin/bash

while true

do

php telegram2.php

sleep 1800

done

1. **FILE : kirimgambar.php**

<?php

//Letak direktori

$photo='/data/sai\_vlr/alarm/images.jpg';

//Chat ID Penerima

$chat\_id=130553029;

//Skrip mengirim gambar

$bot\_url = "https://api.telegram.org/bot126456181:AAEHTxqNBcbujlsmweSkWS1c-yAMvUbH8rQ/";

$url = $bot\_url . "sendPhoto?chat\_id=" . $chat\_id ;

$post\_fields = array('chat\_id' => $chat\_id,

'photo' => '@'.realpath($photo)

);

$ch = curl\_init();

curl\_setopt($ch, CURLOPT\_HTTPHEADER, array(

"Content-Type:multipart/form-data"

));

curl\_setopt($ch, CURLOPT\_URL, $url);

curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, 1);

curl\_setopt($ch, CURLOPT\_POSTFIELDS, $post\_fields);

$output = curl\_exec($ch);

echo "done";

?>

Kalau mau nambah perintah, masuk ke folder vendor\longman\telegram-bot\src\Commands kemudian masukkan command baru yang diinginkan. Misalnya : mau menambahkan command ./gambar, maka buat file php GambarCommand.php dan ketikkan isian programnya.

Kalau mau menambahkan command khusus untuk admin, masukkan file command ke dalam vendor vendor\longman\telegram-bot\src\Admin