

## 1. General

### a. Address, protocol dan port

Address : Domain/Ip  
Protocol : http/https  
Port : Any

### b. Format request body dan response body

Semua request yang mengandung body harus diberikan dalam format json dan semua response body akan diberikan dalam format json juga.

Request yang mengandung body harus disertai dengan header

Content-Type : `application/json`

## 2. Inquiry

Digunakan untuk mengambil informasi detail tagihan dari suatu kode bayar. Parameter Merchant adalah kiriman dari bank yang menunjukkan darimana request ini berasal (atm/sms/teller).

KetBayar adalah deksripsi dari suatu KodeBayar. KodeBayar haruslah unik dan tidak berubah-ubah. Misal :

001 = Pembelian Obat

002 = Ambulance

003 = Jasa Dokter

Method : GET

Contoh query string:

```
https://localhost/inquiry  
?No=000001510109332&Merchant=6010&institutionCode=032001DateTime=201  
5-08-25 14:11:05
```

Contoh response:

```
{  
  "JumlahTagihan": "02",  
  "institutionCode": "032001",  
  "DetailTagihan": [  
    {  
      "KetBayar": "Pembelian Obat",  
      "KodeBayar": "001",  
      "Amount": 100000  
    },  
    {  
      "KetBayar": "Jasa Dokter",  
      "KodeBayar": "003",  
      "Amount": 5000  
    }  
  ],  
  "NoBayar": "000001510109332",
```

```
"Nama": "DINI PERMATA PUTRI",
"Keterangan": "JALAN BASUKI RAHMAD 98-104",
"Status": {
  "IsError": "False",
  "ResponseCode": "00",
  "ErrorDesc": "Success"
}
}
```

### 3. Payment

Digunakan untuk melakukan request pembayaran, apabila diresponse berhasil maka Bank Jatim akan mencetak struk dan melakukan pendebitan kepada nasabah.

URL : <https://localhost/payment>  
Method : POST

Contoh body:

```
{
  "NoBayar": "000001510109332",
  "institutionCode": "032001",
  "DateTime": "2015-11-02 10:56:41",
  "Reff": "12345",
  "DetailTagihan": [
    {
      "KetBayar": "Pembelian Obat",
      "KodeBayar": "001",
      "Amount": 100000
    },
    {
      "KetBayar": "Jasa Dokter",
      "KodeBayar": "003",
      "Amount": 50000
    }
  ]
}
```

Contoh response:

```
{
  "DateTime": "2015-11-02 10:56:41",
  "Nobayar": "000001510109332",
  "Status": {
    "IsError": "False",
    "ResponseCode": "00",
    "ErrorDesc": "Success"
  }
}
```

## 4. Sturktur Data

Deskripsi	Length
NoBayar	Numeric(12)
DateTime	Yyyy-MM-dd hh:mm:ss
Reff	Alphanumeric(12)
KodeBayar	Alphanumeric(10)
KetBayar	Alphanumeric(30)
NilaiTagihan	Numeric(15)
NilaiBayar	Numeric(15)

## 5. Sturktur Data Methot Post

Deskripsi	Length
NoBayar	Varchar(30)
DateTime	Yyyy-MM-dd hh:mm:ss
Reff	Varchar(30)
KodeBayar	Varchar(6)
KetBayar	Varchar(100)
Amount	Varchar(20)
Status_pembayaran	Varchar(2)

## 6. Koding Get

```
function index_get() {
    $id = $this->get('No');
    if ($id == "") {
        $db_taxmon = $this->db->get('tbl_slip')->result();
    } else {
        $this->db->where('No', $id, 'application/json');
        $db_taxmon = $this->db->get('tbl_slip')->result();
    }
    //$this->response($db_taxmon, 200);
    //header("Content-type : application/json");
    $data = array();
    foreach ($db_taxmon as $key => $value) {
        $bill = $value->kd_bill;
        $bill1 = $value->kd_pembayaran;
        $status = $value->status;
        $kode = explode(" ", $bill.$bill1);
    }
}
```

```

$data = array(
    "JumlahTagihan" => "01",
    "InstitutionCode" => "032001",
    //"DateTime" => $value->tgl_validasi,
    //"Reff" => "1234",
    "DetailTagihan" => array(array(
        "KetBayar"          => $value->uraian_pajak,
        "KodeBayar"         => $value-
>kd_pembayaran,
        "Amount"           => $value->jml_setoran,
    )),
    "NoBayar" => implode(" ", $kode),
    "Nama" => $value->nama_bendahara,
    "Keterangan" => $value->alamat_usaha,
    //"KodeBill" => $value->kd_bill,
    "Status" => array(
        "IsError" => "false",
        "ResponseCode" => $value->status,
        "ErrorDesc" => "Success"
    ),
);
}
echo json_encode($data);
}

```

## 7. Routes Config

```

$route['api/inquiry/(:num)']['GET'] = 'inquiry/index_get/$No';
$route['api/payment']['POST'] = 'payment/index_post';

```

## 8. Koding Post Payment

```
function index_post() {
    $date = date("Y-m-d H:i:s");

    $data = array(
        'NoBayar'    => $this->post('NoBayar'),
        'Reff'       => $this->post('Reff'),
        'date_time'  => $date,
        'KodeBayar'  => $this->post('KodeBayar'),
        'KetBayar'   => $this->post('KetBayar'),
        'Amount'     => $this->post('Amount')
    );
    $insert = $this->db->insert('tbl_status', $data);
    if ($insert) {
        $this->response(
            array(
                'DateTime' => $date,
                'NoBayar' => $this->post('NoBayar'),
                'Status' => array(
                    "IsError" => "False",
                    "ResponseCode" => "00",
                    "ErrorDesc" => 'Success',
                )
            ), 201);
    } else {
        $this->response(array('status' => 'fail', 502));
    }
}
```