

# DOKUMENTASI API KERETA (KAI) { JSON }

*(v. 2.0)*

(last update: 13/06/2018)

## HISTORY UPDATE

- Penerbitan Dokumentasi API KERETA v.1 : Sept 2017
- Pembaharuan Struktur JSON API : June 2018

## CEK SALDO

<b>URL:</b>
http://klikmbc.co.id/json/ceksaldo
<b>METHOD:</b>
POST
<b>REQUIRED PARAMETERS:</b>
username : (ex: dummy) password : (ex: dummy123)
<b>RETURN TYPE:</b>
JSON

### Body:

Response Berhasil:

```
{"result": "ok", "saldo": "99,999"}
```

### Keterangan parameter:

result : ok (berhasil), no(gagal)

saldo : saldo terakhir anda di sistem MMBC

Response Gagal:

```
{"result": "no", "reason": "invalid login"}
```

## RESET PASSWORD

<b>URL:</b>
http://klikmbc.co.id/json/resetpassword
<b>METHOD:</b>
POST
<b>REQUIRED PARAMETERS:</b>
username : (ex: dummy) email : (ex: user@bemail.com) phone : (ex: 0812xxxxx) agencode : (ex: JKT-111) newpassword : (ex: Sd1231) (min. 6 karakter)
<b>RETURN TYPE:</b>
JSON

### Body:

Response Berhasil:

```
{"result":"ok","username":"dummy","newpassword":"dummy123"}
```

Response Gagal:

```
{"result":"no","reason":"data invalid"}
```

```
{"result":"no","reason":"password minimal 6 characters"}
```

## GETLIST CODE – DAFTAR KODE STASIUN & LOKASI

<b>URL:</b>
<a href="http://klikmbc.co.id/json/kereta/getlist-code">http://klikmbc.co.id/json/kereta/getlist-code</a>
<b>METHOD:</b>
GET
<b>RETURN TYPE:</b>
JSON

### Body:

Response Berhasil:

```
[
  {
    "code": "AKB",
    "location": "Aekloba, Labuhan Batu"
  },
  {
    "code": "ATA",
    "location": "Alastuwa, Semarang"
  },
  {
    "code": "ABR",
    "location": "Ambarawa, Lampung Tengah"
  },
  {
    "code": "AGO",
    "location": "Argopuro, Argopuro"
  }
]
```

## GETREQUEST CODE - REQUEST KODE KOTA/STASIUN

**URL:**

http://klikmbc.co.id/json/kereta/getrequest-code

**METHOD:**

GET

**REQUIRED PARAMETERS:**

code : (ex: PSE)

**RETURN TYPE:**

JSON

**Body:**

Response Berhasil:

```
{  
  "code": "PSE",  
  "location": "Pasar Senen, Jakarta Pusat"  
}
```

# GETSCHEDULE - CARI JADWAL KERETA

<b>URL:</b>
http://klikmbc.co.id/json/kereta/getschedule
<b>METHOD:</b>
POST
<b>REQUIRED PARAMETERS:</b>
username : (ex: dummy) password : (ex: dummy123) from : (ex: PSE) to : (ex: PWT) date : (ex: 28-08-2018) <i>dd-mm-yyyy</i> adult : (ex: 1) infant : (ex: 0) show_seatavail : (default: 0) [ 0 => tampilkan sisa kursi] [ 1=> tidak tampil sisa kursi ]
<b>RETURN TYPE:</b>
JSON

## Body:

Response Berhasil:

```
{
  "result": "ok",
  "duration": 11.983230113983,
  "session": "WD7Wc1KW4Gi10MutsfUjW3",
  "schedule": [
    {
      "train_name": "Serayu",
      "train_code": "220",
      "train_from": "PSE",
      "train_to": "PWT",
      "train_route": "PSE-PWT",
      "train_date": "2018-08-28",
      "train_datetime": "21:00 - 08:08",
      "train_fare": "67000",
      "train_class": "Economy",
      "train_subclass": "C",
      "train_available": "628"
    },
    {
      "train_name": "Serayu",
      "train_code": "216",
      "train_from": "PSE",
```

```
    "train_to": "PWT",
    "train_route": "PSE-PWT",
    "train_date": "2018-08-28",
    "train_datetime": "09:15 - 19:59",
    "train_fare": "67000",
    "train_class": "Economy",
    "train_subclass": "C",
    "train_available": "632"
  }
]
}
```

### **Keterangan parameter:**

result : ok => berhasil, no => gagal  
duration : durasi lama query  
session : session yang akan dipakai buat query selanjutnya  
schedule : array jadwal kereta  
train\_name : nama kereta  
train\_code : kode kereta  
train\_from : kode kota/stasiun keberangkatan  
train\_to : kode kota/stasiun tujuan  
train\_route : kode info route  
train\_date : Tanggal keberangkatan  
train\_datetime : Waktu keberangkatan - waktu tiba  
train\_fare : Total harga  
train\_class : Tipe Class kereta (Business, Economy, Executive)  
train\_subclass : Tipe Subclass kereta  
train\_available : Jumlah sisa kursi yang tersedia

### **Response Gagal:**

```
{"result": "no", "reason": "xxx"}
```



## GETPRICE - UPDATE HARGA

<b>URL:</b>
http://klikmbc.co.id/json/kereta/getprice
<b>METHOD:</b>
POST
<b>REQUIRED PARAMETERS:</b>
username : (ex: dummy) password : (ex: dummy123) session : (diambil dari result session saat getschedule) from : (ex: PSE) to : (ex: PWT) date : (ex: 28-08-2018) <i>dd-mm-yyyy</i> adult : (ex: 1) infant : (ex: 0) train_code : (ex: 186) train_class : (ex: Economy) train_subclass : (ex: C)
<b>RETURN TYPE:</b>
JSON

### Body:

Response Berhasil:

```
{
  "result": "ok",
  "duration": 4.5433828830719,
  "session": "WD7WclKW4Gi10MutsfUjW3",
  "train_name": "Progo",
  "train_code": "186",
  "train_from": "PSE",
  "train_to": "PWT",
  "train_route": "PSE-PWT",
  "train_date": "2018-08-28",
  "train_datetime": "22:20 - 03:26",
  "train_basicfare": 140000,
  "train_servicecharge": 7500,
  "train_discount": 7500,
  "train_totalfare": 140000,
  "train_class": "Economy",
  "train_subclass": "C",
  "train_available": 845,
  "adult": "1",
```

```
"child": "0",  
"infant": "0"  
}
```

#### **Keterangan parameter:**

result : ok => berhasil, no => gagal  
duration : durasi lama query  
session : session yang diambil dari getschedule  
train\_name : nama kereta  
train\_code : kode kereta  
train\_from : kode kota/stasiun keberangkatan  
train\_to : kode kota/stasiun tujuan  
train\_route : kode info route  
train\_date : Tanggal keberangkatan (yyyy-mm-dd)  
train\_datetime : Waktu keberangkatan - waktu tiba  
train\_basicfare : Total harga sebelum kena diskon dan biaya admin  
train\_servicecharge : Biaya layanan pelanggan  
train\_totalfare : Total bayar  
train\_class : Tipe Class kereta (Business, Economy, Executive)  
train\_subclass : Tipe Subclass kereta  
train\_available : Jumlah sisa kursi yang tersedia  
adult : Jumlah calon penumpang dewasa  
infant : Jumlah calon penumpang bayi

#### **Response Gagal:**

```
{"result": "no", "reason": "xxxx"}
```

## GETSEAT – STRUKTUR BAGAN PILIH KURSI

<b>URL:</b>	
http://klikmbc.co.id/json/kereta/getseat	
<b>METHOD:</b>	
POST	
<b>REQUIRED PARAMETERS:</b>	
username	: (ex: dummy)
password	: (ex: dummy123)
session	: (diambil dari result session saat getschedule)
from	: (ex: PSE)
to	: (ex: PWT)
date	: (ex: 28-09-2017) <i>dd-mm-yyyy</i>
train_code	: (ex: 186)
train_class	: (ex: Economy)
train_subclass	: (ex: C)
<b>RETURN TYPE:</b>	
JSON	

## Body:

### Response Berhasil:

```
{
  "result": "ok",
  "session": "WD7Wc1KW4Gi10MutsfUjW3",
  "availableseat": [
    {
      "DeckNumber": 1,
      "DeckCode": "EKONOMI",
      "Row": 1,
      "Column": "A",
      "Seat": "1A",
      "SeatGroup": "C",
      "Status": 0,
      "SeatSellKey": "EKONOMI:1:1A"
    },
    {
      "DeckNumber": 1,
      "DeckCode": "EKONOMI",
      "Row": 1,
      "Column": "B",
      "Seat": "1B",
      "SeatGroup": "C",
      "Status": 0,
      "SeatSellKey": "EKONOMI:1:1B"
    }
  ]
}
```

### Keterangan parameter:

result	: ok => berhasil, no => gagal
session	: session yang diambil dari getschedule
availableseat	: array response per gerbong
DeckNumber	: Nomor Gerbong
DeckCode	: Tipe Gerbong
Row	: Baris kursi
Column	: Deretan kursi
Seat	: Nomor Urut Kursi
SeatGroup	: Tipe Kursi dari Subclass
Status	: 0 => avail, 1 => unavail
SeatSellKey	: Key Kursi yang akan digunakan saat proses booking

### Response Gagal:

```
{"result": "no", "reason": "xxxxx"}
```

## GETBOOK - BOOKING TIKET KAI

### URL:

http://klikmbc.co.id/json/kereta/getbook

### METHOD:

POST

### REQUIRED PARAMETERS:

username : (ex: dummy)  
password : (ex: dummy123)  
session : (diambil dari result session saat getschedule)  
from : (ex: PSE)  
to : (ex: PWT)  
date : (ex: 28-08-2018) *dd-mm-yyyy*  
train\_code : (ex: 186)  
train\_class : (ex: Economy)  
train\_subclass : (ex: C)  
adult : (ex: 1)  
infant : (ex: 0)  
train\_seat : (ex: EKONOMI:1:1A) *DeckCode:DeckNumber:Seat*  
\* di isi dari parameter *SeatSellKey* saat proses pilih kursi *GETSEAT* atau bisa di set ke 0 => bila ingin sistem yang pilih kursi secara acak dan berurutan.  
Bila calon penumpang lebih dari satu, gunakan delimiter "~" sebagai pemisah kursi antar calon penumpang satu dengan yang lainnya, contoh: EKONOMI:1:1A~EKONOMI:1:1B

passengername : (ex: Mr. Zulkarnaini)  
Bila calon penumpang lebih dari satu, gunakan delimiter ":" sebagai pemisah antar nama calon penumpang, contoh: Mr. Zulkarnaini:Ms. Susiliawati

idnumber : (ex: 123456789)  
Bisa di isi dengan Nomor KTP / SIM / PASSPORT, dibawah 17 tahun bisa gunakan KK/Kartu Pelajar.  
Bila calon penumpang lebih dari satu, gunakan delimiter ":" sebagai pemisah antar nomor identitas tiap penumpang, contoh: 123456789:A123123

Phone : (ex: 08xxxxxxx)  
Email : (ex: youremail@gmail.com)

### RETURN TYPE:

JSON

**Body:**

Response Berhasil:

```
{
  "result": "ok",
  "tid": "1152085",
  "tanggal": "2018-06-13 16:46:07",
  "train_name": "PROGO",
  "train_number": "186",
  "train_class": "Economy",
  "train_subclass": "C",
  "kodebooking": "XXXXXX",
  "train_route": "PSE-PWT",
  "train_departure": "28 Aug 2018 22:20",
  "train_time": "22:20 - 03:26",
  "train_inforoute": "Pasar Senen, Jakarta Pusat (PSE) - Purwokerto,
Banyumas (PWT) (Pkl. 22:20 s/d 03:26)",
  "train_totalpassenger": "1",
  "train_datapassengers_json":
  "[{\\"passenger_title\\":\\"Mr\\",\\"passenger_fullname\\":\\"Zulkarnaini\\",\\"passenger_type\\":\\"Adult\\",\\"passenger_seat\\":\\"1A\\",\\"passenger_gerbong\\":\\"1\\",\\"passenger_idnumber\\":\\"123456789\\"}]",
  "train_contactdetails_json":
  "{\\"contact_title\\":\\"Mr\\",\\"contact_fullname\\":\\"Zulkarnaini\\",\\"contact_email\\":\\"youremail@gmail.com\\",\\"contact_phone\\":\\"08123456789\\"}",
  "train_basicfare": "140000",
  "train_discount": "7500",
  "train_servicecharge": "7500",
  "train_totalfare": "140000",
  "train_realnta": "133500",
  "train_shownta": "136000",
  "train_bonus_agen": "4000",
  "train_timelimit": "13 Jun 2018 17:36",
  "train_bookingby": "Dummy",
  "train_bookingby_kodeagen": "JKT-123456",
  "train_issued_date": "",
  "train_issuedby": "",
  "train_issuedby_kodeagen": "",
  "train_statusbooking": "waiting"
}
```

**Keterangan parameter:**

result	: ok => berhasil, no => gagal
tanggal	: tanggal booking
train_name	: nama kereta
train_number	: tipe nomor kereta
train_class	: tipe kelas kereta
train_subclass	: tipe subclass kereta
kodebooking	: kode booking resmi kereta (KAI)
train_route	: info kode route
train_departure	: info tanggal dan waktu keberangkatan
train_time	: info waktu berangkat dan waktu tiba
train_inforoute	: info lengkap nama stasiun/kota berangkat dan tiba
train_totalpassenger	: jumlah calon penumpang
train_datapassengers_json	: info lengkap profil calon nama penumpang

train\_contactdetails\_json : info lengkap *contact details* (diambil dari nama penumpang pertama dewasa, nomor HP, email)  
train\_basicfare : harga awal, sebelum kena *biaya layanan pelanggan* dan *diskon channel*  
train\_discount : harga potongan (*diskon channel*)  
train\_servicecharge : harga tambahan (*Biaya layanan pelanggan*)  
train\_totalfare : total bayar  
train\_realnta : harga asli MMBC  
train\_shownta : harga dari MMBC ke anda sebagai agen  
train\_bonus\_agen : bonus yang didapatkan oleh anda sebagai agen  
train\_timelimit : batas waktu bayar( *issued* ) biasanya 50 menit setelah dapat kode booking  
train\_bookingby : nama username agen yang booking  
train\_bookingby\_kodeagen : kode agen dari username agen yang booking  
train\_statusbooking : status kode booking ( *waiting* )

Response Gagal:

```
{"result": "no", "reason": "xxxxxxx"}
```

## GETSTATUS - CEK STATUS KODE BOOKING KAI

<b>URL:</b>
http://klikmbc.co.id/json/kereta/getstatus-kodebooking
<b>METHOD:</b>
POST
<b>REQUIRED PARAMETERS:</b>
username : (ex: dummy)
password : (ex: dummy123)
kodebooking : (ex: XXXXX)
<b>RETURN TYPE:</b>
JSON

### Body:

Response Berhasil:

```
{
  "result": "ok",
  "tid": "1152085",
  "tanggal": "2018-06-13 16:46:07",
  "train_name": "PROGO",
  "train_number": "186",
  "train_class": "Economy",
  "train_subclass": "C",
  "kodebooking": "XXXXX",
  "train_route": "PSE-PWT",
  "train_inforoute": "Pasar Senen, Jakarta Pusat (PSE) - Purwokerto,
  Banyumas (PWT) (Pkl. 22:20 s/d 03:26)",
  "train_departure": "28 Aug 2018 22:20",
  "train_time": "22:20 - 03:26",
  "train_totalpassenger": "1",
  "train_datapassengers": "1. Zulkarnaini",
  "train_datapassengers_json":
  "[{\\"passenger_title\\":\\"Mr\\",\\"passenger_fullname\\":\\"Zulkarnaini\\",\\"passenger_type\\":\\"Adult\\",\\"passenger_seat\\":\\"1A\\",\\"passenger_gerbong\\":\\"1\\",\\"passenger_idnumber\\":\\"123456789\\"}]",
  "train_contactdetails_json":
  "[{\\"contact_title\\":\\"Mr\\",\\"contact_fullname\\":\\"Zulkarnaini\\",\\"contact_email\\":\\"youremail@gmail.com\\",\\"contact_phone\\":\\"08123456789\\"}]",
  "train_basicfare": "14000",
  "train_discount": "7500",
  "train_servicecharge": "7500",
  "train_totalfare": "14000",
  "train_realnta": "133500",
  "train_shownta": "136000",
```



```
"train_bonus_agen": "4000",
"train_timelimit": "13 Jun 2018 17:36",
"train_sellprice": "6",
"train_bookingby": "Dummy",
"train_bookingby_kodeagen": "JKT-123456",
"train_issued_date": "",
"train_issuedby": "",
"train_issuedby_kodeagen": "",
"train_statusbooking": "waiting"
}
```

**Keterangan parameter:**

result : ok (berhasil), no(gagal)

train\_statusbooking : waiting / cancel / pending / issued

**Response Gagal:**

```
{"result":"no","reason":"Invalid Kode Booking XXXXX!"}
```

## GETISSUED – BAYAR / ISSUED KODE BOOKING KAI

<b>URL:</b>
http://klikmbc.co.id/json/kereta/getissued
<b>METHOD:</b>
POST
<b>REQUIRED PARAMETERS:</b>
username : (ex: dummy) password : (ex: dummy123) kodebooking : (ex: XXXXX)
<b>RETURN TYPE:</b>
JSON

### Body:

Response Berhasil:

```
{  
  result: "ok",  
  reason: " Kode Booking XXXXX sudah berhasil terissued!"  
}
```

### Keterangan parameter:

result : ok (berhasil), no(gagal)

Response Gagal:

```
{"result":"no","reason":"Invalid Kode Booking XXXXX!"}
```

**Developed by:**

**iT MMBC**

Email: api@klikmbc.co.id