

# DOKUMENTASI API KERETA (KAI) { JSON }

*(v. 1.0)*

(last update: 05/09/2017)

## HISTORY UPDATE

- Penerbitan Dokumentasi API KERETA v.1 : Sept 2017

## 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>
http://klikmbc.co.id/json/kereta/getlist-code
<b>METHOD:</b>
GET
<b>RETURN TYPE:</b>
JSON

### Body:

Response Berhasil:

```
[  
  • {  
    ○ code: "AKB",  
    ○ location: "Aekloba, Labuhan Batu"  
  },  
  • {  
    ○ code: "ATA",  
    ○ location: "Alastuwa, Semarang"  
  }  
]
```

## GETREQUEST CODE - REQUEST KODE KOTA/STASIUN

<b>URL:</b>
http://klikmbc.co.id/json/kereta/getrequest-code
<b>METHOD:</b>
GET
<b>REQUIRED PARAMETERS:</b>
code : (ex: PSE)
<b>RETURN TYPE:</b>
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: 28-09-2017) <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:** 6.1321349144,
- **session:** "cWyzWPoyPhxUyMofDkQly2",
- **schedule:**

```
[
```

```
  o {  
    ▪ train_name: "Senja Utama Solo",  
    ▪ train_code: "116",  
    ▪ train_from: "PSE",  
    ▪ train_to: "PWT",  
    ▪ train_route: "PSE-PWT",  
    ▪ train_date: "2017-09-28",  
    ▪ train_datetime: "22:00 - 02:54",  
    ▪ train_fare: "210000",  
    ▪ train_class: "Business",  
    ▪ train_subclass: "B",  
    ▪ train_available: "387"
```

```

},
o {
  train_name: "Senja Utama Solo",
  train_code: "116",
  train_from: "PSE",
  train_to: "PWT",
  train_route: "PSE-PWT",
  train_date: "2017-09-28",
  train_datetime: "22:00 - 02:54",
  train_fare: "195000",
  train_class: "Business",
  train_subclass: "K",
  train_available: "0"
}
]
}

```

### 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: 28-09-2017) <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: 1.14068198204,  
  • session: "cWyzWPoyPhxUyMofDkQly2",  
  • train_name: "Progo",  
  • train_code: "186",  
  • train_from: "PSE",  
  • train_to: "PWT",  
  • train_route: "PSE-PWT",  
  • train_date: "2017-09-28",  
  • train_datetime: "22:20 - 03:26",  
  • train_basicfare: 125000,  
  • train_servicecharge: 7500,  
  • train_totalfare: 132500,  
  • train_class: "Economy",  
}
```

- `train_subclass: "C",`
- `train_available: 108,`
- `adult: "1",`
- `child: "0",`
- `infant: "0"`

}

### Keterangan parameter:

<code>result</code>	: ok => berhasil, no => gagal
<code>duration</code>	: durasi lama query
<code>session</code>	: session yang diambil dari getschedule
<code>train_name</code>	: nama kereta
<code>train_code</code>	: kode kereta
<code>train_from</code>	: kode kota/stasiun keberangkatan
<code>train_to</code>	: kode kota/stasiun tujuan
<code>train_route</code>	: kode info route
<code>train_date</code>	: Tanggal keberangkatan (yyyy-mm-dd)
<code>train_datetime</code>	: Waktu keberangkatan - waktu tiba
<code>train_basicfare</code>	: Total harga sebelum kena diskon dan biaya admin
<code>train_servicecharge</code>	: Biaya layanan pelanggan
<code>train_totalfare</code>	: Total bayar
<code>train_class</code>	: Tipe Class kereta (Business, Economy, Executive)
<code>train_subclass</code>	: Tipe Subclass kereta
<code>train_available</code>	: Jumlah sisa kursi yang tersedia
<code>adult</code>	: Jumlah calon penumpang dewasa
<code>infant</code>	: 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: "cWyzWPoyPhxUyMofDkQly2",
  • availableseat:
    [
      {
        ▪ DeckNumber: 1,
        ▪ DeckCode: "EKONOMI",
        ▪ Row: 1,
        ▪ Column: "A",
        ▪ Seat: "1A",
        ▪ SeatGroup: "C",
        ▪ Status: 1,
        ▪ SeatSellKey: "EKONOMI:1:1A"
      },
      {
        ▪ DeckNumber: 1,
        ▪ DeckCode: "EKONOMI",
        ▪ Row: 1,
        ▪ Column: "B",
        ▪ Seat: "1B",
        ▪ SeatGroup: "C",
        ▪ Status: 1,
        ▪ 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: 28-09-2017) *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",  
  •   tanggal: "2017-09-05 11:53:20",  
  •   train_name: "PROGO",  
  •   train_number: "186",  
  •   train_class: "Economy",  
  •   train_subclass: "C",  
  •   kodebooking: "49MDPW",  
  •   train_route: "PSE-PWT",  
  •   train_departure: "28 Sep 2017 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_fulln  
  ame":"Zulkarnaini","passenger_type":"Adult","passenger_seat":"9C","pass  
  enger_gerbong":"3","passenger_idnumber":"123456789"}]",  
  •   train_contactdetails_json: "{\"contact_title\":\"Mr\",\"contact_fullname\":  
  \"Zulkarnaini\",\"contact_email\":\"youremail@gmail.com\",\"contact_phone\":\"08  
  123456789\"}\",  
  •   train_basicfare: "125000",  
  •   train_discount: "7500",  
  •   train_servicecharge: "7500",  
  •   train_totalfare: "125000",  
  •   train_realnta: "118500",  
  •   train_shownta: "121000",  
  •   train_bonus_agen: "4000",  
  •   train_timelimit: "05 Sep 2017 13:43",  
  •   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",  
  kodebooking: "XXXXX",  
  status: "waiting"  
}
```

### Keterangan parameter:

result : ok (berhasil), no(gagal)  
kodebooking : berisi data kode booking  
status : 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 XXXX!"}
```

**Developed by:**

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