

DOKUMENTASI API KERETA (KAI) {JSON}

(v. 3.0)

(last update: 05/12/2019)

HISTORY UPDATE

- Penerbitan Dokumentasi API KERETA v.1 : Sept 2017
- Pembaharuan Struktur JSON API : June 2018
- Penambahan API GetList Route : June 2018
- **Perubahan alur pilih kursi (dari sebelum booking jadi setelah booking) : Dec 2019**

CEK SALDO

URL Endpoint:

`https://klikmbc.co.id/json/ceksaldo`

METHOD:

POST

REQUIRED PARAMETERS:

username : (ex: dummy)
password : (ex: dummy123)

RETURN TYPE:

JSON

Body:

Response Berhasil:

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

Keterangan parameter:

result : ok (berhasil), no(gagal)

saldo : saldo terakhir mitra di sistem MMBC

Response Gagal:

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

GET LIST CODE – DAFTAR KODE STASIUN & LOKASI

URL Endpoint:

`https://klikmbc.co.id/json/kereta/getlist-code`

METHOD:

GET

RETURN TYPE:

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"
  }
]
```

GET REQUEST CODE - REQUEST KODE KOTA/STASIUN

URL Endpoint:

`https://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"  
}
```

GET LIST ROUTE – DAFTAR RUTE KERETA API

URL Endpoint:

`https://klikmbc.co.id/json/kereta/getlistroute`

METHOD:

GET

RETURN TYPE:

JSON

Body:

Response Berhasil:

```
[
  {
    "train_route": "PSE-SGU"
  },
  {
    "train_route": "SI-BOO"
  },
  {
    "train_route": "SGU-GMR"
  },
  {
    "train_route": "PSE-LPN"
  }
]
```

GET SCHEDULE - CARI JADWAL KERETA

URL Endpoint:

<https://klikmbc.co.id/json/kereta/getschedule>

METHOD:

POST

REQUIRED PARAMETERS:

username	:	(ex: dummy)	
password	:	(ex: dummy123)	
from	:	(ex: PSE)	
to	:	(ex: PWT)	
date	:	(ex: 28-08-2019) <i>dd-mm-yyyy</i>	
adult	:	(ex: 1)	
infant	:	(ex: 0)	
show_seatavail	:	(default:0) [0=>tampilkansisakursi]	[1=>tidaktampil sisakursi]

RETURN TYPE:

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": "2019-08-28",
      "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": "2019-08-28",
    "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"
}
```


GET PRICE - UPDATE HARGA

URL Endpoint:

<https://klikmbc.co.id/json/kereta/getprice>

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) <i>dd-mm-yyyy</i>
adult	: (ex: 1)
infant	: (ex: 0)
train_code	: (ex: 186)
train_class	: (ex: Economy)
train_subclass	: (ex: C)

RETURN TYPE:

JSON

Body:

Response Berhasil:

```
{
  "result": "ok",
  "duration": 4.5433828830719,
  "session": "WD7Wc1KW4Gi10MutsfUjW3",
  "train_name": "Progo",
  "train_code": "186",
  "train_from": "PSE",
  "train_to": "PWT",
  "train_route": "PSE-PWT",
  "train_date": "2019-08-28",
  "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"  
}
```

GET BOOK - BOOKING TIKET KAI

URL Endpoint:

<https://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: 28-08-2019) <i>dd-mm-yyyy</i>
train_code	: (ex: 186)
train_class	: (ex: Economy)
train_subclass	: (ex: C)
adult	: (ex: 1)
infant	: (ex: 0)
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",
  "session": "WD7Wc1KW4Gi10MutsfUjW3",
  "tid": "1152085",
  "tanggal": "2019-07-29 16:46:07",
  "train_name": "PROGO",
  "train_number": "186",
  "train_class": "Economy",
  "train_subclass": "C",
  "kodebooking": "XXXXX",
  "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
session	: session yang diambil dari getschedule
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 kode booking *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 (ex: waiting)

Response Gagal:

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

GET SEAT – STRUKTUR BAGAN PILIH KURSI

URL Endpoint:

<https://klikmbc.co.id/json/kereta/getseat>

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) <i>dd-mm-yyyy</i>
train_code	: (ex: 186)
train_class	: (ex: Economy)
train_subclass	: (ex: C)

RETURN TYPE:

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"
}
```

CHANGE SEAT – UBAH PILIHAN KURSI

URL Endpoint:

<https://klikmbc.co.id/json/kereta/changeseat>

METHOD:

POST

REQUIRED PARAMETERS:

username	: (ex: dummy)
password	: (ex: dummy123)
session	: (diambil dari result session saat getschedule)
kodebooking	: (ex: XXXXX)
train_seat	: (ex: EKONOMI:1:18:C) <small>DeckCode:DeckNumber:Row:Column</small>

NOTE: Bila calon penumpang lebih dari satu, gunakan delimiter "~" sebagai pemisah antara kursi penumpang, contoh: **EKONOMI:1:18:C~EKONOMI:1:18:D**

RETURN TYPE:

JSON

Body:

Response Berhasil:

```
{  
  "result": "ok",  
  "session": "WD7Wc1KW4Gi10MutsfUjW3",  
  "kodebooking": "XXXXXX",  
  "train_seat": "EKONOMI:1:18:C",  
}
```

Keterangan parameter:

result : ok => berhasil, no => gagal
session : session yang diambil dari getschedule
kodebooking : Kode Booking yang diubah kursinya
train_seat : Pilihan Kursi

Response Gagal:

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

GET STATUS - CEK STATUS KODE BOOKING KAI

URL Endpoint:

https://klikmbc.co.id/json/kereta/getstatus-kodebooking

METHOD:

POST

REQUIRED PARAMETERS:

username : (ex: dummy)
password : (ex:dummy123)
kodebooking : (ex: XXXXX)

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": "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!"
}
```

GET ISSUED – BAYAR / ISSUED KODE BOOKING KAI

URL Endpoint:

<https://klikmbc.co.id/json/kereta/getissued>

METHOD:

POST

REQUIRED PARAMETERS:

username : (ex: dummy)
password : (ex:dummy123)
kodebooking : (ex: XXXXX)

RETURN TYPE:

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!"
}
```

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