

Reference Document

Pincode Search API

Version 1.0

Introduction

Representational state transfer ( REST ) or RESTful web service are one way of providing interoperability between computer systems on the Internet. REST-compliant web services allow requesting systems to access and manipulate textual representations of web services using a uniform and predefined set of stateless operations. Other forms of web service exist, which expose their own arbitrary sets of operations such as WSDL and SOAP .

To make a web API call from a client application, you must supply an authentication token on the call. The token acts like an electronic key that lets you access the API.

You request a token from the rest api token service at the REST endpoint that is defined for your user type. The token service returns a unique authentication token in exchange for a username and password for an account , the Authorization request header with the Bearer HTTP authorization scheme to prove your identity. The token never expires but it can be revoked. You can get the token for the first time and use it across all request.

**Staging Base URL: http://dtdcstagingapi.dtdc.com:8112/ratecalapi/PincodeApiCall**

**Production Base URL: http://smarttrack.ctbsplus.dtdc.com/ratecalapi/PincodeApiCall**

**Api requests**

Method:"Post"

| **Parameter field** | **Data Type** | **Length** | **Allowed Values** | **Description** |
| --- | --- | --- | --- | --- |
| orgPincode \* | String | 6 | 0-9 | Origin pincode, ex. 160036 |
| desPincode \* | String | 6 | 0-9 | Destination pincode, ex. 110001 |

**Sample request payload-**

{

"orgPincode": "160036",

"desPincode": "110001"

}

**Service Code and Service Name :-**

| **SERVICE CODE** | **SERVICE NAME** |
| --- | --- |
| **AC1** | **STANDARD\_AIR** |
| **AR1** | **STANDARD\_AIR** |
| **CP2** | **PTP1200** |
| **D12** | **PTP1200** |
| **D2Z** | **PTP1200** |
| **DAR** | **PEP** |
| **DCP** | **PEP** |
| **DMB** | **PEP** |
| **DNB** | **PEP** |
| **DNP** | **PEP** |
| **DSF** | **PEP** |
| **DZB** | **PEP** |
| **GEC** | **GROUND\_EXPRESS** |
| **MSP** | **SUNDAY\_PTP** |
| **PEC** | **PEP** |
| **R12** | **PTP1200** |
| **SE1** | **GROUND\_EXPRESS** |
| **SF1** | **GROUND\_EXPRESS** |
| **ZSP** | **SUNDAY\_PTP** |
| **ZPC** | **PEP** |
| **RPL** | **PEP** |
| **RPC** | **PEP** |
| **NPC** | **PEP** |
| **PAR** | **PRIORITY** |
| **PEX** | **PRIORITY** |
| **D14** | **PTP1400** |
| **DNG** | **PEP** |
| **DZG** | **PEP** |
| **MBC** | **PEP** |
| **NBC** | **PEP** |
| **ZBC** | **PEP** |
| **C14** | **PTP1400** |
| **R14** | **PTP1400** |
| **Z14** | **PTP1400** |
| **M14** | **PTP1400** |
| **DRB** | **PEP** |
| **DRG** | **PEP** |
| **NGP** | **PEP** |
| **PCP** | **PEP** |
| **RBP** | **PEP** |
| **RGP** | **PEP** |
| **ZGP** | **PEP** |
| **DMG** | **PEP** |
| **DCB** | **PEP** |
| **CBC** | **PEP** |
| **CGC** | **PEP** |
| **MGC** | **PEP** |
| **DCG** | **PEP** |
| **N14** | **PTP1400** |
| **N12** | **PTP1200** |
| **CPT** | **SUNDAY\_PTP** |
| **RSP** | **SUNDAY\_PTP** |
| **NSP** | **SUNDAY\_PTP** |
| **R16** | **PTP1600** |
| **M16** | **PTP1600** |
| **N16** | **PTP1600** |
| **P7X** | **B2C priority** |
| **D71** | **B2C Smart Express** |
| **G71** | **B2C Ground Economy** |
| **D72** | **Smart Express General** |

**Responses:**

1. 200 - Success,

2. 201 – `Partial content` (validation failed for request parameters)

3. 400 - `Bad Request ` (wrong data passed as request parameter)

4. 401 - `Unauthorized`

5. 500 - `Error Occurred `

**Sample Response:-**

{

"SERV\_LIST": [

{

"Special\_Destination": "NO",

"COD\_Serviceable": "YES",

"GEC\_Serviceable": "YES",

"LITE\_Serviceable": "YES",

"DC\_Serviceable": "NO",

"Remote\_Delivery\_Area": "NO"

}

],

"SERV\_BR": [

{

"CODE": "B09",

"EMAIL": "hubmgr.rajajinagar@dtdc.com",

"BR\_NAME": "RAJAJINAGAR MASTER FRANCHISEE",

"BR\_ADDRESS": "No.227 Akarsh Plaza I Stage, 5Th Phase ShivanagarWest Of Chord Road Bangalore-", "PHONE": "080-23144876",

"LATITUDE": "0",

"LONGITUDE": "0"

}

],

"ZIPCODE\_RESP": [

{

"ORGPIN": "586103",

"DESTPIN": "560040",

"ORGCOUNTRY": "IN",

"DESTCOUNTRY": "IN",

"SERVFLAG": "Y",

"SERV\_COD": "Y"

}

],

"SERV\_FR": [

{

"CODE": "BF998",

"EMAIL": "nagarbhavi1.blr@fr.dtdc.com",

"FR\_NAME": "NAGARBHAVI",

"FR\_ADDRESS": "NO.184, IST FLOOR, IST MAIN,,NAGARBHAVI MAIN ROAD, MOODALAPALYA, BANGALORE", "PHONE": "080-23109590/9379156776-9379156776",

"LATITUDE": "12.96923",

"LONGITUDE": "77.5245683333332"

},

{

"CODE": "BF926",

"EMAIL": "chandralayout1.blr@fr.dtdc.com",

"FR\_NAME": "CHANDRA LAYOUT",

"FR\_ADDRESS": "NO.58 S, II MAIN ROAD, II CROSS, I STAGE,,II PHASE, CHANDRA LAYOUT, BANGALORE", "PHONE": "8023390445-9980743487",

"LATITUDE": "12.9576766666666",

"LONGITUDE": "77.528505"

},

{

"CODE": "BF629",

"EMAIL": "vijayanagar2.blr@fr.dtdc.com",

"FR\_NAME": "VIJAYANAGAR - II (K D ROAD)",

"FR\_ADDRESS": "NO.1436/7, PIPE LINE ROAD (KD ROAD) VIJAYANAGAR,BANGALORE", "PHONE": "080 - 23117901/ 2320 4789 / 94483 61909/-9448361909",

"LATITUDE": "12.97351",

"LONGITUDE": "77.5476133333334"

},

{

"CODE": "BF049",

"EMAIL": "rpclayout.blr@fr.dtdc.com",

"FR\_NAME": "R.P.C LAYOUT",

"FR\_ADDRESS": "# 6, NEW NO.57, SERVICE ROAD, VIJAYANAGAR II STAGE,R.P.C LAYOUT, REMCO LAYOUT, BANGALORE",

"PHONE": "8904014990 / 9945314990/-9611977811",

"LATITUDE": "12.9628166666666",

"LONGITUDE": "77.5341816666666"

},

{

"CODE": "BF042",

"EMAIL": "vijayanagar.blr@fr.dtdc.com",

"FR\_NAME": "VIJAYANAGAR (9TH MAIN)",

"FR\_ADDRESS": "NO.426/B, 9TH MAIN ROAD, I FLOOR, OPP BUS STAND,,VIJAYANAGAR, BANGALORE", "PHONE": "080-23303458/ 23202903-9844634616",

"LATITUDE": "12.9719916666666",

"LONGITUDE": "77.5381766666666"

}

],

"PIN\_CITY": [

{

"CITY": "BJP",

"PARTIALSERV\_AREA\_AND\_CITY": "FULLY SERVICEABLE", "PIN": "586103",

"TALUKA\_AND\_DISTRICT": "BIJAPUR,BIJAPUR", "CITY\_CODE": "BJP"

},

{

"CITY": "BLR",

"PARTIALSERV\_AREA\_AND\_CITY": "FULLY SERVICEABLE", "PIN": "560040",

"TALUKA\_AND\_DISTRICT": "Ballabhgarh,BANGALORE123", "CITY\_CODE": "BLR"

}

],

"SERV\_LIST\_DTLS": [

{

"CODE": "D72",

"NAME": "B2B SMART EXPRESS", "PCODE": "D72",

"TAT": "1"

},

{

"CODE": "P7X",

"NAME": "B2C PRIORITY",

"PCODE": "P7X",

"TAT": "1"

},

{

"CODE": "D71",

"NAME": "B2C SMART EXPRESS",

"PCODE": "D71",

"TAT": "1"

},

{

"CODE": "GEC",

"NAME": "GROUND EXPRESS CARGO",

"PCODE": "GEC",

"TAT": "2"

},

{

"CODE": "G71",

"NAME": "B2C GROUND ECONOMY",

"PCODE": "G71",

"TAT": "2"

},

{

"CODE": "PAR",

"NAME": "PRIORITY",

"PCODE": "PAR",

"TAT": "1”

},

{

"CODE": "D2Z",

"NAME": "PTP1200",

"PCODE": "D2Z",

"TAT": "1"

},

{

"CODE": "Z14",

"NAME": "PTP1400",

"PCODE": "Z14",

"TAT": "1"

}

],

}