



OD Tours And Travels Private Limited

Rest API – Integration Guide

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1. ClientLogin

Method:**POST**

Calls to the methods enlisted in the API require an authentication bearer token. The authentication bearer token is received on calling the ClientLogin method by passing the login credentials.

Request URL: https://testing.odbus.co.in/api/ClientLogin?client_id={client_id}&password={password}

Request Parameters:

Parameter Name	Type	Required	Description
Client_id	string	yes	As provided
password	string	yes	As provided

Sample Response:

```
{
  "status": "1",
  "message": "Client token generated",
  "data":
    "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczovL2NvbniN1bWVyLm9kYnVzLmNvLmluL2FwaS9DbGllbnRmbDdpbiIsImhlldCI6MTYyMTMjOTZxYXNlcm9kaSI6Imc0NEhhV0Q0TTJUV2o4YlMiLCJzdWI6OjEsInBydiI6IjZyZWYmQ1Yzg5NDlmNjAwYWWRiMzllNmAxYzZwMDg3MmRiN2E1OTc2ZjcifQ.SJcWTX4AHG3fm75PGD35sMKQyetWkJ-VDO3F-anWMNI"
}
```

****Note:** To start integrating REST API you must get Client_id and password. Every api requires access-token to be passed in headers which can be obtained using ClientLogin api.

Error Response:

```
{
  "status": "0",
  "message": "Wrong credentials",
  "data": null
}
```

2. getLocation

Method: **GET**

Provides location name as per search values.

Request URL:

<https://testing.odbus.co.in/api/getLocation?locationName={locationName}>

Sample Response:

```
{
  "status": "I",
  "message": "Record Fetched Successfully",
  "data": [ {
    "id": 82,
    "name": "Bhubaneswar",
    "synonym": "BBS,BBSR",
    "url": "bhubaneswar"
  } ]
}
```

3. Listing

Method: **GET**

Provides List of Buses running in a particular route for a particular date.

Request URL:

https://testing.odbus.co.in/api/Listing?source={source}&destination={destination}&entry_date={entry_date}

Request Parameters:

Parameter Name	Type	Required	Description
source	string	Yes	Source city name
destination	string	Yes	destination city name
entry_date	string	Yes	Journey Date Format: dd-mm-yyyy (e.g. 25-05-2022)
bus_operator_id	integer	No	Operator ID
User_id	integer	No	Client ID

Sample Response:

```
{
  "status": "1",
  "message": "Record Fetched Successfully",
  "data": [ {
    "srcId": 82,
    "destId": 53,
    "display": "show",
    "busId": 592,
    "busName": "PANI COACH",
    "via": "CUTTACK, JAMSOLA",
    "popularity": null,
    "busNumber": "OR 05 AL 0768",
    "maxSeatBook": 6,
    "conductor_number": "7749088101,7749088102",
    "operatorId": 133,
    "operatorUrl": "pani-coach",
    "operatorName": "SujitPani",
    "sittingType": "2+2",
    "bus_description": "Leyland A/C Push Back Seater",
    "busType": "AC",
    "busTypeName": "A/C SEATER",
    "totalSeats": 8,
    "seaters": 8,
    "sleepers": 0,
    "startingFromPrice": 421,
    "departureTime": "07:00",
    "arrivalTime": "13:30",
    "totalJourneyTime": "6h 30m",
    "amenity": [{
      "id": 13,
      "name": "Music System",
      "amenity_image": "https://www.sitename.com/img.png",
      "amenity_android_image": "https://www.sitename.com/img1.png"
    },
    {
      "id": 14,
```

```

"name": "M Ticket",
"amenity_image": "https://www.sitename.com/img.png",
"amenity_android_image": "https://www.sitename.com/img1.png",
} ],
"safety": [ {
"id": 5,
"name": "Emergency Exit",
"safety_image": "https://www.sitename.com/img.png",
"safety_android_image": "https://www.sitename.com/img2.png",
} ],
"cancellationDuration": [
"12-18",
"18-24",
"25-999"
],
"cancellationDuduction": [
"35",
"25",
"20"
],
"cancellationPolicyContent": "<p class=\"MsoNormal\"><b><span lang=\"EN
US\">CANCELLATION POLICY</span></b>....",
"TravelPolicyContent": null
}
]
}

```

4. Filter

Method: **POST**

Provides List of Buses running in a particular route for a particular date with Filter criteria like:Price, BusType(AC or Non AC), Seat Type(seater or sleeper), Boarding points,Dropping Points,Operators,Amenities.

Request URL:

<https://testing.odbus.co.in/api/Filter>

Request Parameters:

Parameter Name	Type	Required	Description
price	integer	Yes	sort by price:0-without sorting, 1- ascending order sorting
sourceID	integer	Yes	Id of location(source)
destinationID	integer	Yes	Id of location(destination)
entry_date	string	Yes	Journey Date Format: dd-mm-yyyy (e.g. 25-05-2022)
bus_operator_id	integer	No	Operator ID
User_id	integer	No	Client ID
busType	integer	No	AC or NONAC type Bus:1-AC, 2-NONAC
seatType	integer	No	Seater or Sleeper type Bus:1-seater, 2-sleeper
boardingPointId	integer	No	Boarding point Ids
dropingingPointId	integer	No	Dropping point Ids
operatorId	integer	No	Operator Ids
amenityId	integer	No	Amenity Ids

Sample Response:

```

{
  "status": "1",
  "message": "Record Fetched Successfully",
  "data": [ {
    "srcId": 82,
    "destId": 53,
    "display": "show",
    "busId": 592,
    "busName": "PANI COACH",
    "via": "CUTTACK, JAMSOLA",
    "popularity": null,
    "busNumber": "OR 05 AL 0768",
    "maxSeatBook": 6,
    "conductor_number": "7749088101,7749088102",
    "operatorId": 133,
    "operatorUrl": "pani-coach",
    "operatorName": "SujitPani",
    "sittingType": "2+2",
    "bus_description": "Leyland A/C Push Back Seater",
    "busType": "AC",
    "busTypeName": "A/C SEATER",
    "totalSeats": 8,
    "seaters": 8,
    "sleepers": 0,
    "startingFromPrice": 421,
    "departureTime": "07:00",
    "arrivalTime": "13:30",
    "totalJourneyTime": "6h 30m",
    "amenity": [
      {
        "id": 13,
        "name": "Music System",
        "amenity_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/Music-System-pc.png.png",
        "amenity_android_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/Music-System-mb.png.png"
      },
      {
        "id": 14,
        "name": "M Ticket",
        "amenity_image": "https://www.sitename.com/img.png",
        "amenity_android_image": "https://www.sitename.com/img1.png"
      }
    ],
    "safety": [ {
      "id": 5,
      "name": "Emergency Exit",
      "safety_image": "https://www.sitename.com/img.png",
      "safety_android_image": "https://www.sitename.com/img1.png"
    } ],
    "cancellationDuration": [
      "12-18",
      "18-24",
      "25-999"
    ],
    "cancellationDuduction": [Rest API Integration Guide
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```

```

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"35",
"25",
"20"
],
"cancellationPolicyContent": "<p class=\"MsoNormal\"><b><span lang=\"EN
US\">CANCELLATION POLICY</span></b>...",
"TravelPolicyContent": null
}
]
}

```

5. FilterOptions

Method: **POST**

Provides List of BusTypes, seatTypes, boardingPoints, dropping points, busOperator, amenities for corresponding bus.

Request URL: <https://testing.odbus.co.in/api/FilterOptions>

Request Parameters:

Parameter Name	Type	Required	Description
sourceID	integer	yes	Id of location(source)
destinationID	integer	yes	Id of location(destination)
busIDs	integer	Yes	All busIds getting in response of Listing api
entry_date	String	Yes	Journey Date Format: dd-mm-yyyy (e.g. 25-05-2022)

Sample Response:

```

{
  "status": "1",
  "message": "Record Fetched Successfully",
  "data": [
    {
      "busTypes": [
        {
          "id": 1,
          "class_name": "AC"
        },
        {
          "id": 2,
          "class_name": "NON AC"
        }
      ],
      "seatTypes": [
        {
          "id": 1,
          "name": "seater"
        },
        {
          "id": 2,
          "name": "sleeper"
        }
      ],
      "boardingPoints": [
        {
          "id": 121,
          "boarding_point": "Baramunda"
        },
        {

```

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```
"id": 125,
"boarding_point": "Hotel Crown"
},
{
  "id": 127,
  "boarding_point": "SatsangVihar"
},
],
"dropingPoints": [
  {
    "id": 217,
    "boarding_point": "Baripada Bus Stand"
  },
],
"busOperator": [
  {
    "id": 167,
    "operator_name": "Amitav Das",
    "organisation_name": "Das & DAS"
  },
  {
    "id": 168,
    "operator_name": "Arup Das",
    "organisation_name": "DAS"
  },
],
"amenities": [
  {
    "id": 4,
    "name": "Charging Point",
    "amenities_image": "https://www.sitename.com/img.png",
    "android_image": "https://www.sitename.com/img2.png"
  },
  {
    "id": 5,
    "name": "E-Ticket",
    "amenities_image": "https://www.sitename.com/img.png",
    "android_image": "https://www.sitename.com/img2.png"
  }
]
}
]
```


6. viewSeats

Method: **POST**

Provides seatlayout, available seats, booked seats, reserved seats, against a particular bus.

Request URL: <https://testing.odbus.co.in/api/viewSeats>

Request Parameters:

Parameter Name	Type	Required	Description
entry_date	string	Yes	Journey Date Format: dd-mm-yyyy (e.g. 25-05-2022)
busId	integer	yes	busId of bus
sourceId	integer	yes	Source Id of source location(srcId of Listing api response)
destinationId	integer	Yes	Destination Id of destination location(destId of Listing api response)
ReferenceNumber	string	No	For origin “DOLPHIN” ReferenceNumber is required, which is coming in Listing API response
origin	string	Yes	Listing api response (DOLPHIN/ODBUS)

Sample Response:

```
{
  "status": "1",
  "message": "Record Fetched Successfully",
  "data": {
    "bus": [
      {
        "id": 287,
        "name": "GAJANAN",
        "bus_seat_layout_id": 29
      },
      {
        "lower_berth": [
          {
            "id": 2409,
            "bus_seat_layout_id": 29,
            "seat_class_id": 1, //1 for seater, 2 for sleeper, 3 for vertical sleeper, 4 for blank
            "berthType": "1", //1 for Lower berth, 2 for Upper berth
            "seatText": "3", //seat no
            "rowNumber": 0,
            "colNumber": 0
          },
          {
            "id": 2410,
            "bus_seat_layout_id": 25,
            "seat_class_id": 1,
            "berthType": "1",
            "seatText": "14",
            "rowNumber": 3,
            "colNumber": 3,
            "Gender": "M" //Gender key present means booked seat (value "M" means booked by Man and value "F" means booked by Lady)
          }
        ],
        {
          "id": 2417,
          "bus_seat_layout_id": 29,
          "seat_class_id": 1,
          "berthType": "1",
        }
      ]
    }
  }
}
```

```

"seatText": "27",
"rowNumber": 0,
"colNumber": 8,
"bus_seats": {//////////bus_seats key present means seat is allocated to odbus
"ticket_price_id": 3698,
"seats_id": 2417,
"new_fare": 0,
"ticket_price": {
"id": 3698,
"base_seat_fare": 410,
"base_sleeper_fare": 380
}
},
],
"lowerBerth_totalRows": 4,
"lowerBerth_totalColumns": 13,
"upper_berth": [
{
"id": 2466,
"bus_seat_layout_id": 29,
"seat_class_id": 2,Rest API Integration Guide
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"berthType": "2",
"seatText": "SL18",
"rowNumber": 0,
"colNumber": 5
},
{
"id": 2471,
"bus_seat_layout_id": 29,
"seat_class_id": 2,
"berthType": "2",
"seatText": "SL14",
"rowNumber": 1,
"colNumber": 4,
"bus_seats": {//////////bus_seats key present means seat is allocated to odbus
"ticket_price_id": 3698,
"seats_id": 2471,
"new_fare": 0,
"ticket_price": {
"id": 3698,
"base_seat_fare": 380,
"base_sleeper_fare": 410
}
}
},
],
"upperBerth_totalRows": 4,
"upperBerth_totalColumns": 6
}
}

```

7. PriceOnSeatsSelection

Method: **POST**

Provides total price of seater/sleeper on seats selection including all service changes.

Request URL: <https://testing.odbus.co.in/api/PriceOnSeatsSelection>

Request Parameters:

Parameter Name	Type	Required	Description
busId	integer	yes	busId of a bus
sourceId	integer	yes	Id of location(source)
destinationId	integer	Yes	Id of location(destination)
entry_date	string	Yes	Journey Date Format: dd-mm-yyyy (e.g. 25-05-2022)
seater	integer	Yes	seatId of seats
sleeper	integer	Yes	seatId of seats
ReferenceNumber	string	No	Required if origin is "DOLPHIN"
origin	string	Yes	DOLPHIN/ODBUS

Sample Response:

```
{
  "status": "1",
  "message": "Record Fetched Successfully",
  "data": [
    {
      "totalFare": 1292.5,
      "baseFare": 1175,
      "serviceCharge": 117.5
    }
  ]
}
```

8. BoardingDroppingPoints

Method: **POST**

Provides BOARDING/DROPPING point names, time and ids.

Request URL: <https://testing.odbus.co.in/api/BoardingDroppingPoints>

Request Parameters:

Parameter Name	Type	Required	Description
busId	integer	Yes	busId of a bus
sourceId	integer	Yes	Id of location(source)
destinationId	integer	Yes	Id of location(destination)
Journey_date	string	Yes	Journey Date Format: dd-mm-yyyy (e.g. 25-05-2022)
ReferenceNumber	string	No	Required if origin is "DOLPHIN"
origin	string	Yes	DOLPHIN/ODBUS

Sample Response:

```
{
  "status": "1",
  "message": "Record Fetched Successfully",
  "data": [
    {
      "boardingPoints": [
        {
          "id": 121,
          "boardingPoints": "Baramunda",

```

```

        "boardingTimes": "21:20"
      },
      {
        "id": 127,
        "boardingPoints": "Satsang Vihar",
        "boardingTimes": "21:30"
      },
      {
        "id": 129,
        "boardingPoints": "Palasuni",
        "boardingTimes": "21:35"
      }
    ],
    "droppingPoints": [
      {
        "id": 643,
        "droppingPoints": "Sector - 6 / Telephone Chowk",
        "droppingTimes": "05:15"
      },
      {
        "id": 645,
        "droppingPoints": "Udit Nagar",
        "droppingTimes": "05:20"
      },
      {
        "id": 639,
        "droppingPoints": "Sector - 2",
        "droppingTimes": "05:30"
      },
      {
        "id": 638,
        "droppingPoints": "Rourkela Bus Stand",
        "droppingTimes": "06:00"
      }
    ]
  }
]
}

```

9. PassengerInfo

Method: **POST**

TransactionId and pnr generated against booking and passengers and seats details captured against generated pnr.

Request URL: <https://testing.odbus.co.in/api/PassengerInfo>

Request Parameters:

Parameter Name	Type	Required	Description
customerInfo.email	string	No	Email of customer
customerInfo.phone	integer	Yes	Mobile no of customer
customerInfo.name	string	Yes	Customer name
bookingInfo.coupon_code	string	No	If any code available
bookingInfo.bus_id	integer	Yes	Id of bus
bookingInfo.source_id	integer	Yes	Id of location(source)

bookingInfo.destination_id	integer	Yes	Id of location(destination)
bookingInfo.journey_dt	string	Yes	Journey Date Format: yyyy-mm-dd(e.g. 2022-03-09)
bookingInfo.boarding_point	string	Yes	boardingPoint
bookingInfo.dropping_point	string	Yes	droppingingPoint
bookingInfo.boarding_time	time	Yes	Boarding time(format-21:00)
bookingInfo.dropping_time	time	Yes	Boarding time(format-06:30)
bookingInfo.CompanyID	integer	No	Required if origin is "DOLPHIN"
bookingInfo.PickupID	string	Yes	Boarding_poinr Id
bookingInfo.DropID	string	Yes	Dropping point Id
bookingInfo.origin	string	Yes	DOLPHIN/ODBUS
bookingInfo.ReferenceNumber	string	No	Required if origin is "DOLPHIN"
bookingInfo.RouteTimeID	integer	No	Required if origin is "DOLPHIN"
bookingInfo.bookingDetail[].bus_seats_id	integer	Yes	Id of seats
bookingInfo.bookingDetail[].passenger_name	string	Yes	Name of passenger
bookingInfo.bookingDetail[].passenger_gender	string	Yes	Passenger age
bookingInfo.bookingDetail[].passenger_age	integer	Yes	M/F (for male/Female)
bookingInfo.bookingDetail[].created_by	string	Yes	Booked by whom(ex:customer, external client)

Sample Response:

```
{
  "status": "1",
  "message": "Record Added Successfully",
  "data": {
    "transaction_id": "20221026113950223347",
    "pnr": "ODCL49197"
  }
}
```

10. SeatBlockMethod:**POST**

Selected seats against a transaction id blocked(hold) for further payment process.

Request URL:<https://testing.odbus.co.in/api/SeatBlock>**Request Parameters:**

Parameter Name	Type	Required	Description
transaction_id	string	Yes	transaction_id(response of PassengerInfoapi)
customer_gst_status	integer	No	0/1, default 0:gst not required,1:gst required
customer_gst_number	string	No	Customer GST number

customer_gst_business_name	string	No	Customer GST name
customer_gst_business_email	string	No	Cusomer GST email
customer_gst_business_address	string	No	Customer GST address

Sample Response:

```
{
  "status": "1",
  "message": "Seats are blocked for further payment process",
  "data": {
    "status": "Success",
    "customer_name": "ALEXA",
    "amount": 470.8
  }
}
```

11. TicketConfirmationMethod: **POST**

Ticket confirmed against a transaction id.

Request URL: <https://testing.odbus.co.in/api/TicketConfirmation>**Request Parameters:**

Parameter Name	Type	Required	Description
transaction_id	string	Yes	transaction_id(response of PassengerInfoapi)

Sample Response:

```
{
  "status": "1",
  "message": "Tickets booked successfully",
  "data": {
    "wallet_balance": 4794.11
  }
}
```

12. ClientCancelTicketinfoMethod: **POST**

Ticket cancel information against pnr.

Request URL: <https://testing.odbus.co.in/api/ClientCancelTicketinfo>**Request Parameters:**

Parameter Name	Type	Required	Description
pnr	string	Yes	pnr of ticket

Sample Response:

```
{
  "status": "1",
  "message": "Record Fetched Successfully",
  "data": {
    "cancel_status": true,
    "refundAmount": 376.64,
    "deductionPercentage": "20%",
    "deductAmount": 94.16,
  }
}
```

```

    "totalfare": 470.8,
    "OdbusCancelCommission": 94.16,
    "ClientCancelCommission": 0
  }

```

13. ClientTicketCancellation

Method: **POST**

Ticket cancellation against pnr.

Request URL: <https://testing.odbus.co.in/api/ClientTicketCancellation>

Request Parameters:

Parameter Name	Type	Required	Description
pnr	string	Yes	pnr of ticket

Sample Response:

```

{
  "status": "1",
  "message": "Ticket cancellation successful",
  "data": {
    "source": "Bhubaneswar",
    "destination": "Cuttack",
    "bookingDetails": [
      {
        "id": 13739,
        "pnr": "ODCL49197",
        "users_id": 1594,
        "user_id": 210,
        "bus_id": 915,
        "source_id": 82,
        "destination_id": 144,
        "client_comission": 23.54,
        "journey_dt": "2022-10-29",
        "boarding_point": "Baramunda | 21:00",
        "dropping_point": "Badambari Bus Stand | 22:00",
        "boarding_time": "21:00:00",
        "dropping_time": "22:00:00",
        "total_fare": 470.8,
        "users": {
          "id": 1594,
          "name": "ALEXA",
          "email": null,
          "phone": "9999999999"
        },
        "bus": {
          "id": 915,
          "name": "TEST BUS 2",
          "bus_number": "OD 05 T 2222",
          "bus_type_id": 9,
          "bus_sitting_id": 12
        },
        "booking_detail": [
          {
            "id": 17929,
            "booking_id": 13739,

```

```

        "bus_seats_id": 304321,
        "passenger_name": "danny",
        "passenger_gender": "M",
        "bus_seats": {
            "id": 304321,
            "seats_id": 1885,
            "seats": {
                "id": 1885,
                "seatText": "SL8"
            }
        }
    }
}
],
"cancel_status": true,
"refundAmount": 376.64,
"deductionPercentage": "20%",
"deductAmount": 94.16,
"totalfare": 470.8,
"OdbusCancelCommission": 94.16,
"ClientCancelCommission": 0
}
}

```

14. TicketDetails

Method: **POST**

Provides details of Ticket informations.

Request URL: <https://testing.odbus.co.in/api/TicketDetails>

Request Parameters:

Parameter Name	Type	Required	Description
pnr	string	Yes	pnr of ticket
mobile	string	Yes	Mobile no of customer

Sample Response:

```

{
  "status": "1",
  "message": "Record Fetched Successfully",
  "data": {
    "name": "ALEXA",
    "email": null,
    "phone": "9999999999",
    "transaction_id": null,
    "pnr": "ODCL49197",
    "journey_dt": "2022-10-29",
    "source": "Bhubaneswar",
    "destination": "Cuttack",
    "boarding_point": "Baramunda | 21:00",
    "dropping_point": "Badambari Bus Stand | 22:00",
    "boarding_time": "21:00:00",
    "dropping_time": "22:00:00",
    "origin": "ODBUS",
    "status": 2,
    "booking_status": "Cancelled",
    "total_fare": 470.8,
  }
}

```



```
"bus_name": "TEST BUS 2",
"bus_number": "OD 05 T 2222",
"cancellationslabs": null,
"journeyDuration": "1h 0m",
"passenger_details": [
  {
    "name": "danny",
    "gender": "M",
    "age": "33",
    "seat_name": "SL8"
  }
]
```

Kindly email us your queries/suggestions to support@odbus.in and we will review them. In case of any tech issue, please share JSON request body & JSON response data with us.

Your suggestions are always welcome.

Thank you

