# RailInsights API

### API and SDK Documentation

Version: v1.0

API for RailInsights

## **StationController**

### findStationsByName



/api/stations

#### **Usage and SDK Samples**

Curl Java Android Obj-C JavaScript C# PHP Perl Python

curl -X GET\
-H "Accept: \*/\*"\
"https://railinsights.de/api/stations?name="

#### **Parameters**

Query parameters

| Name  | Description     |
|-------|-----------------|
| name* | String Required |

#### Responses

Status: 200 - OK

Schema

```
v[[]
  ▼ { []
     address:
                               v { []
                                 city:
                                          string
                                 zipcode: string
                                 street: string
                              }
     location:
                               ▼ { []
                                 latitude: number (float)
                                 longitude: number (float)
     operator:
                               ▼ { []
                                 type:
                                             string
                                 operatorId: string
                                 name:
                                             string
     timeTableOffice:
                               ▼ { []
                                 email: string
                                 name: string
```

```
regionalbereich:
                         v { []
                                        integer (int32)
                            number:
                            name:
                                        string
                            shortName: string
                         }
stationManagement:
                         ▼ { []
                            number: integer (int32)
                                   string
                            name:
                         }
szentrale:
                         v { []
                                                 integer (int32)
                            number:
                            publicPhoneNumber: string
                            name:
                                                 string
                         }
stationId:
                         integer (int64)
relevance:
                         number (float)
                         number (float)
score:
                         number (float)
weight:
type:
                         string
ril100:
                         string
                         number (float)
nr:
name:
                         string
category:
                         number (float)
                         number (float)
priceCategory:
hasParking:
                         boolean
hasBicycleParking:
                         boolean
hasLocalPublicTransport: boolean
hasPublicFacilities:
                         boolean
                         boolean
hasLockerSystem:
hasTaxiRank:
                         boolean
hasTravelNecessities:
                         boolean
hasSteplessAccess:
                         string
hasMobilityService:
                         string
hasWiFi:
                         boolean
hasTravelCenter:
                         boolean
hasRailwayMission:
                         boolean
hasDBLounge:
                         boolean
hasLostAndFound:
                         boolean
hasCarRental:
                         boolean
federalState:
                         string
createdAt:
                         string (date-time)
ril100Identifiers:
                         v[[]
                            ▼ { []
                              rilldentifier:
                                                       string
                              hasSteamPermission:
                                                       boolean
                               geographicCoordinates: ▼ { []
                                                          type:
                                                                    string
                                                          latitude: number (float)
                                                          longitude: number (float)
                                                       }
                              main:
                                                       boolean
                            }
productLine:
                           { []
                            productLine: string
                            segment:
                                         string
```

```
}
]
```

## getStationById



/api/stations/{stationId}

#### **Usage and SDK Samples**

```
Curl Java Android Obj-C JavaScript C# PHP Perl Python
```

```
curl -X GET\
-H "Accept: */*"\
"https://railinsights.de/api/stations/{stationId}"
```

#### **Parameters**

Path parameters

| Name       | Description  |
|------------|--------------|
| stationId* | Long (int64) |
|            | Required     |

#### Responses

```
Schema
```

```
▼ { []
  address:
                            v { []
                              city:
                                       string
                              zipcode: string
                              street: string
                            }
  location:
                            v { []
                              latitude: number (float)
                              longitude: number (float)
                            }
  operator:
                            v { []
                              type:
                                          string
                              operatorId: string
                              name:
                                          string
                            }
  timeTableOffice:
                            ▼ { []
                              email: string
                              name: string
                            }
  regionalbereich:
                            v { []
                                          integer (int32)
                              number:
                                          string
                              name:
                              shortName: string
```

```
stationManagement:
                            v { []
                               number: integer (int32)
                               name:
                                       string
                            }
  szentrale:
                            v { []
                               number:
                                                    integer (int32)
                               publicPhoneNumber: string
                                                    string
                               name:
                            }
  stationId:
                            integer (int64)
                            number (float)
   relevance:
  score:
                            number (float)
  weight:
                            number (float)
  type:
                            string
  ril100:
                            string
                            number (float)
  nr:
                            string
  name:
  category:
                            number (float)
                            number (float)
   priceCategory:
  hasParking:
                            boolean
  hasBicycleParking:
                            boolean
  hasLocalPublicTransport: boolean
  hasPublicFacilities:
                            boolean
  hasLockerSystem:
                            boolean
  hasTaxiRank:
                            boolean
  hasTravelNecessities:
                            boolean
  hasSteplessAccess:
                            string
  hasMobilityService:
                            string
  hasWiFi:
                            boolean
  hasTravelCenter:
                            boolean
  hasRailwayMission:
                            boolean
  hasDBLounge:
                            boolean
                            boolean
  hasLostAndFound:
  hasCarRental:
                            boolean
  federalState:
                            string
  createdAt:
                            string (date-time)
   ril100Identifiers:
                            v[[]
                               v { []
                                 rilldentifier:
                                                         string
                                 hasSteamPermission:
                                                         boolean
                                 geographicCoordinates: ▼ { []
                                                            type:
                                                                       string
                                                            latitude:
                                                                       number (float)
                                                             longitude: number (float)
                                                          }
                                 main:
                                                          boolean
                              }
                            ]
   productLine:
                            ▼ { []
                               productLine: string
                               segment:
                                            string
                            }
}
```

}

## **StopController**

### findStopsByName



/api/stops

#### **Usage and SDK Samples**

Curl Java Android Obj-C JavaScript C# PHP Perl Python

curl -X GET\
-H "Accept: \*/\*"\
"https://railinsights.de/api/stops?name="

#### **Parameters**

Query parameters

| Name  | Description |
|-------|-------------|
| name* | String      |
|       | Required    |

#### Responses

Schema

Status: 200 - OK

```
▼[[]

▼ { []

type: string

stopId: integer (int64)

name: string

location: ▼ { []

latitude: number (double)

longitude: number (double)
```

} products: ▼ { [] nationalExpress: boolean national: boolean boolean regionalExp: regional: boolean suburban: boolean boolean bus: boolean ferry: boolean subway: tram: boolean taxi: boolean } createdAt: string (date-time)

created At. String (date-time)

station: ▼ { [] address: ▼ { []

city: string

```
zipcode: string
                            street: string
                         }
location:
                         ▼ { []
                            latitude: number (float)
                            longitude: number (float)
                         }
operator:
                         ▼ { []
                            type:
                                       string
                            operatorld: string
                                       string
                            name:
                         }
timeTableOffice:
                         ▼ { []
                            email: string
                            name: string
                         }
regionalbereich:
                         ▼ { []
                            number:
                                        integer (int32)
                            name:
                                        string
                            shortName: string
                         }
stationManagement:
                         ▼ { []
                            number: integer (int32)
                            name: string
                         }
szentrale:
                         ▼ { []
                                                 integer (int32)
                            number:
                            publicPhoneNumber: string
                            name:
                                                 string
                         }
stationId:
                         integer (int64)
                         number (float)
relevance:
                         number (float)
score:
weight:
                         number (float)
type:
                         string
ril100:
                         string
                         number (float)
nr:
name:
                         string
category:
                         number (float)
priceCategory:
                         number (float)
                         boolean
hasParking:
hasBicycleParking:
                         boolean
hasLocalPublicTransport: boolean
hasPublicFacilities:
                         boolean
                         boolean
hasLockerSystem:
                         boolean
hasTaxiRank:
hasTravelNecessities:
                         boolean
hasSteplessAccess:
                         string
hasMobilityService:
                         string
hasWiFi:
                         boolean
hasTravelCenter:
                         boolean
hasRailwayMission:
                         boolean
hasDBLounge:
                         boolean
hasLostAndFound:
                         boolean
hasCarRental:
                         boolean
federalState:
                         string
```

```
createdAt:
                                            string (date-time)
                   ril100Identifiers:
                                             v[[]
                                               v { []
                                                  rilldentifier:
                                                                          string
                                                  hasSteamPermission:
                                                                          boolean
                                                  geographicCoordinates: ▼ { []
                                                                             type:
                                                                                        string
                                                                             latitude: number (float)
                                                                             longitude: number (float)
                                                                          }
                                                  main:
                                                                          boolean
                                               }
                                            ]
                   productLine:
                                             ▼ { []
                                               productLine: string
                                               segment:
                                                            string
                                            }
                }
]
```

### getStopById



/api/stops/{stopId}

#### **Usage and SDK Samples**

Curl Java Android Obj-C JavaScript C# PHP Perl Python

```
curl -X GET\
-H "Accept: */*"\
"https://railinsights.de/api/stops/{stopId}"
```

#### **Parameters**

Path parameters

| Name    | Description  |
|---------|--------------|
| stopId* | Long (int64) |
|         | Required     |

#### **Responses**

Status: 200 - OK

Schema

```
v { []
```

type: string

stopId: integer (int64)

name: string
location: ▼ { []

latitude: number (double) longitude: number (double)

```
}
products: ▼ { []
             nationalExpress: boolean
             national:
                              boolean
             regionalExp:
                              boolean
             regional:
                              boolean
             suburban:
                              boolean
             bus:
                              boolean
                              boolean
             ferry:
             subway:
                              boolean
             tram:
                              boolean
             taxi:
                               boolean
           }
createdAt: string (date-time)
station:
           ▼ { []
             address:
                                       v { []
                                                   string
                                         city:
                                          zipcode: string
                                         street: string
                                       }
             location:
                                       ▼ { []
                                          latitude: number
                                          longitude: number
             operator:
                                       ▼ { []
                                                     string
                                         type:
                                         operatorId: string
                                          name:
                                                     string
                                       }
             timeTableOffice:
                                       v { []
                                          email: string
                                          name: string
                                       }
             regionalbereich:
                                       v { []
                                          number:
                                                      integer
                                                      string
                                         name:
                                         shortName: string
                                       }
             stationManagement:
                                       ▼ { []
                                         number: integer
                                          name: string
                                       }
             szentrale:
                                       v { []
                                          number:
                                                               integer
                                         publicPhoneNumber: string
                                          name:
                                                               string
                                       }
                                       integer (int64)
             stationId:
             relevance:
                                       number (float)
                                       number (float)
             score:
             weight:
                                       number (float)
                                       string
             type:
             ril100:
                                       string
                                       number (float)
             nr:
             name:
                                       string
             category:
                                       number (float)
             priceCategory:
                                       number (float)
```

```
hasParking:
                           boolean
  hasBicycleParking:
                           boolean
  hasLocalPublicTransport: boolean
  hasPublicFacilities:
                           boolean
  hasLockerSystem:
                           boolean
  hasTaxiRank:
                           boolean
  hasTravelNecessities:
                           boolean
                           string
  hasSteplessAccess:
  hasMobilityService:
                           string
  hasWiFi:
                           boolean
  hasTravelCenter:
                           boolean
  hasRailwayMission:
                           boolean
  hasDBLounge:
                           boolean
  hasLostAndFound:
                           boolean
  hasCarRental:
                           boolean
  federalState:
                           string
  createdAt:
                           string (date-time)
  ril100Identifiers:
                            v[[]
                              v { []
                                 rilldentifier:
                                                         string
                                 hasSteamPermission:
                                                         boolean
                                 geographicCoordinates: ▼ { []
                                                            type:
                                                                      string
                                                            latitude:
                                                                      number (float)
                                                           longitude: number (float)
                                                         }
                                 main:
                                                         boolean
  productLine:
                            v { []
                              productLine: string
                              segment:
                                           string
                           }
}
```

## **TripController**

## find Trips By Line Product Name



}

/api/trips/line-productName

#### **Usage and SDK Samples**

Curl Java Android Obj-C JavaScript C# PHP Perl Python

```
curl -X GET\
-H "Accept: */*"\
"https://railinsights.de/api/trips/line-productName?lineName=&page=&size="
```

#### **Parameters**

Query parameters

| Name      | Description     |
|-----------|-----------------|
| lineName* | String Required |
| page      | Integer (int32) |
| size      | Integer (int32) |

#### Responses

```
Schema
  v { []
     totalPages:
                         integer (int32)
                         integer (int64)
     totalElements:
     pageable:
                          v { []
                            pageNumber: integer (int32)
                                          integer (int32)
                            pageSize:
                            paged:
                                          boolean
                            unpaged:
                                          boolean
                            offset:
                                          integer (int64)
                            sort:
                                           ▼ { []
                                             sorted:
                                                       boolean
                                             unsorted: boolean
                                                       boolean
                                             empty:
                                          }
                         }
     first:
                         boolean
     last:
                         boolean
                         integer (int32)
     size:
     content:
                          ▼[[]
                            v[[]
                               v { []
                                 tripld:
                                                     string
                                 stop:
                                                      ▼ { []
                                                        type:
                                                                   string
                                                                   integer (int64)
                                                        stopId:
                                                        name:
                                                                   string
                                                        location:
                                                                   ▼ { []
                                                                      latitude: number (double)
                                                                      longitude: number (double)
                                                        products: ▼ { []
                                                                      nationalExpress: boolean
                                                                      national:
                                                                                       boolean
                                                                      regionalExp:
                                                                                       boolean
                                                                      regional:
                                                                                       boolean
                                                                      suburban:
                                                                                       boolean
                                                                      bus:
                                                                                       boolean
                                                                      ferry:
                                                                                       boolean
                                                                      subway:
                                                                                       boolean
```

```
tram:
                               boolean
              taxi:
                               boolean
           }
createdAt: string (date-time)
station:
           v { []
                                        ▼ { []
              address:
                                          city:
                                                   string
                                          zipcode: string
                                          street: string
                                        }
              location:
                                        ▼ { []
                                          latitude: number (float)
                                          longitude: number (float)
                                        }
              operator:
                                        v { []
                                                      string
                                          type:
                                          operatorld: string
                                          name:
                                                      string
                                        }
              timeTableOffice:
                                        ▼ { []
                                          email: string
                                          name: string
                                        }
              regionalbereich:
                                        ▼ { []
                                                       integer (int32)
                                          number:
                                          name:
                                                       string
                                          shortName: string
                                        }
              stationManagement:
                                        v { []
                                          number: integer (int32)
                                          name:
                                                   string
                                        }
              szentrale:
                                        v { []
                                          number:
                                                                integer (int3
                                          publicPhoneNumber: string
                                          name:
                                                                string
                                        }
              stationId:
                                        integer (int64)
              relevance:
                                        number (float)
              score:
                                        number (float)
              weight:
                                        number (float)
              type:
                                        string
              ril100:
                                        string
                                        number (float)
              nr:
              name:
                                        string
              category:
                                        number (float)
                                        number (float)
              priceCategory:
              hasParking:
                                        boolean
              hasBicycleParking:
                                        boolean
              hasLocalPublicTransport: boolean
              hasPublicFacilities:
                                        boolean
              hasLockerSystem:
                                        boolean
              hasTaxiRank:
                                        boolean
              hasTravelNecessities:
                                        boolean
              hasSteplessAccess:
                                        string
              hasMobilityService:
                                        string
              hasWiFi:
                                        boolean
```

```
hasTravelCenter:
                                                               boolean
                                     hasRailwayMission:
                                                               boolean
                                     hasDBLounge:
                                                               boolean
                                     hasLostAndFound:
                                                               boolean
                                     hasCarRental:
                                                               boolean
                                     federalState:
                                                               string
                                     createdAt:
                                                               string (date-time)
                                     ril100Identifiers:
                                                               ▼[[]
                                                                  ▼ { []
                                                                     rilldentifier:
                                                                                             string
                                                                     hasSteamPermission:
                                                                                             boolea
                                                                     geographicCoordinates: ▼ { []
                                                                                                typ
                                                                                                latit
                                                                                                lonç
                                                                                             }
                                                                     main:
                                                                                             boolea
                                                                  }
                                                               ]
                                     productLine:
                                                                ▼ { []
                                                                  productLine: string
                                                                  segment:
                                                                               string
                                                               }
                                  }
                    }
                    string (date-time)
when:
                    string (date-time)
plannedWhen:
                    string (date-time)
prognosedWhen:
delay:
                    integer (int32)
platform:
                    string
plannedPlatform:
                    string
prognosedPlatform: string
prognosisType:
                    string
direction:
                    string
provenance:
                    string
line:
                     ▼ { []
                       operator:
                                       ▼ { []
                                         type:
                                                     string
                                         operatorId: string
                                                     string
                                         name:
                                      }
                                      string
                       type:
                       fahrtNr:
                                      string
                       name:
                                      string
                       linePublic:
                                      boolean
                       productName: string
                       lineld:
                                      string
                       product:
                                      string
                       mode:
                                      string
                                         Enum:
                                                    BUS , TAXI , WATERCRAFT , TRAIN
                       createdAt:
                                      string (date-time)
                    }
origin:
                     v { []
                                  string
                       type:
                       stopId:
                                  integer (int64)
```

```
name:
           string
location:
           ▼ { []
              latitude: number (double)
              longitude: number (double)
products: ▼ { []
              nationalExpress: boolean
              national:
                               boolean
                               boolean
              regionalExp:
              regional:
                               boolean
              suburban:
                               boolean
              bus:
                               boolean
              ferry:
                               boolean
              subway:
                               boolean
              tram:
                               boolean
              taxi:
                               boolean
createdAt: string (date-time)
station:
           ▼ { []
                                        ▼ { []
              address:
                                          city:
                                                   string
                                          zipcode: string
                                          street: string
                                       }
                                        v { []
              location:
                                          latitude: number (float)
                                          longitude: number (float)
                                       }
              operator:
                                        ▼ { []
                                          type:
                                                      string
                                          operatorld: string
                                          name:
                                                      string
                                       }
              timeTableOffice:
                                        ▼ { []
                                          email: string
                                          name: string
                                       }
              regionalbereich:
                                        ▼ { []
                                          number:
                                                      integer (int32)
                                          name:
                                                      string
                                          shortName: string
                                       }
              stationManagement:
                                        v { []
                                          number: integer (int32)
                                          name:
                                                   string
                                       }
              szentrale:
                                        v { []
                                                                integer (int3
                                          number:
                                          publicPhoneNumber: string
                                          name:
                                                                string
                                       }
              stationId:
                                       integer (int64)
                                       number (float)
              relevance:
                                       number (float)
              score:
              weight:
                                       number (float)
              type:
                                       string
              ril100:
                                       string
```

```
number (float)
                                     nr:
                                     name:
                                                              string
                                     category:
                                                              number (float)
                                     priceCategory:
                                                              number (float)
                                                              boolean
                                     hasParking:
                                     hasBicycleParking:
                                                              boolean
                                     hasLocalPublicTransport: boolean
                                     hasPublicFacilities:
                                                              boolean
                                     hasLockerSystem:
                                                              boolean
                                                              boolean
                                     hasTaxiRank:
                                     hasTravelNecessities:
                                                              boolean
                                     hasSteplessAccess:
                                                              string
                                     hasMobilityService:
                                                              string
                                     hasWiFi:
                                                              boolean
                                     hasTravelCenter:
                                                              boolean
                                     hasRailwayMission:
                                                              boolean
                                     hasDBLounge:
                                                              boolean
                                     hasLostAndFound:
                                                              boolean
                                     hasCarRental:
                                                              boolean
                                     federalState:
                                                              string
                                                              string (date-time)
                                     createdAt:
                                                              v[[]
                                     ril100Identifiers:
                                                                 v { []
                                                                   rilldentifier:
                                                                                            string
                                                                   hasSteamPermission:
                                                                                            boolea
                                                                   geographicCoordinates: ▼
                                                                                              { []
                                                                                               type
                                                                                               latit
                                                                                               lonç
                                                                                            }
                                                                   main:
                                                                                            boolea
                                                                 }
                                                              ]
                                     productLine:
                                                               v { []
                                                                 productLine: string
                                                                 segment:
                                                                              string
                                                              }
                                  }
                    }
destination:
                    v { []
                       type:
                                  string
                       stopId:
                                  integer (int64)
                       name:
                                  string
                       location:
                                  ▼ { []
                                     latitude: number (double)
                                     longitude: number (double)
                                  }
                       products: ▼ { []
                                     nationalExpress: boolean
                                     national:
                                                      boolean
                                     regionalExp:
                                                      boolean
                                     regional:
                                                      boolean
                                     suburban:
                                                      boolean
                                     bus:
                                                      boolean
```

```
ferry:
                               boolean
              subway:
                               boolean
              tram:
                               boolean
              taxi:
                               boolean
           }
createdAt: string (date-time)
station:
           ▼ { []
              address:
                                        ▼ { []
                                                   string
                                          city:
                                          zipcode: string
                                          street: string
                                       }
              location:
                                        v { []
                                          latitude: number (float)
                                          longitude: number (float)
                                       }
              operator:
                                        ▼ { []
                                          type:
                                                      string
                                          operatorld: string
                                          name:
                                                      string
                                       }
              timeTableOffice:
                                        ▼ { []
                                          email: string
                                          name: string
                                       }
              regionalbereich:
                                        v { []
                                          number:
                                                       integer (int32)
                                          name:
                                                       string
                                          shortName: string
                                       }
              stationManagement:
                                        ▼ { []
                                          number: integer (int32)
                                          name:
                                                   string
                                       }
              szentrale:
                                        v { []
                                          number:
                                                                integer (int3
                                          publicPhoneNumber: string
                                          name:
                                                                string
                                       }
              stationId:
                                       integer (int64)
              relevance:
                                       number (float)
              score:
                                       number (float)
              weight:
                                       number (float)
                                       string
              type:
              ril100:
                                       string
                                       number (float)
              nr:
              name:
                                       string
                                       number (float)
              category:
                                       number (float)
              priceCategory:
              hasParking:
                                       boolean
              hasBicycleParking:
                                       boolean
              hasLocalPublicTransport: boolean
              hasPublicFacilities:
                                       boolean
              hasLockerSystem:
                                       boolean
              hasTaxiRank:
                                       boolean
              hasTravelNecessities:
                                       boolean
              hasSteplessAccess:
                                       string
```

```
hasWiFi:
                                                                                             boolean
                                                                   hasTravelCenter:
                                                                                             boolean
                                                                   hasRailwayMission:
                                                                                             boolean
                                                                   hasDBLounge:
                                                                                             boolean
                                                                    hasLostAndFound:
                                                                                             boolean
                                                                   hasCarRental:
                                                                                             boolean
                                                                   federalState:
                                                                                             string
                                                                    createdAt:
                                                                                             string (date-time)
                                                                    ril100Identifiers:
                                                                                             ▼[[]
                                                                                                ▼ { []
                                                                                                  rilldentifier:
                                                                                                                          string
                                                                                                  hasSteamPermission:
                                                                                                                          boolea
                                                                                                  geographicCoordinates: ▼ { [
                                                                                                                             typ
                                                                                                                             latit
                                                                                                                             lonç
                                                                                                                          }
                                                                                                  main:
                                                                                                                          boolea
                                                                                               }
                                                                                             ]
                                                                    productLine:
                                                                                             v { []
                                                                                                productLine: string
                                                                                                segment:
                                                                                                             string
                                                                                             }
                                                                }
                                                   }
                               cancelled:
                                                   boolean
                               loadFactor:
                                                   string
                               remarks:
                                                   v[[]
                                                      ▼ { []
                                                        type:
                                                                   string
                                                        code:
                                                                   string
                                                        text:
                                                                   string
                                                        createdAt: string (date-time)
                                                     }
                                                   ]
                               createdAt:
                                                   string (date-time)
                            }
                         ]
  number:
                       integer (int32)
  sort:
                       v { []
                          sorted:
                                    boolean
                          unsorted: boolean
                          empty:
                                    boolean
                       }
  numberOfElements: integer (int32)
   empty:
                       boolean
}
```

hasMobilityService:

string

## find Trips By Trip Id And Stop

#### GET

/api/trips

#### **Usage and SDK Samples**

Curl Java Android Obj-C JavaScript C# PHP Perl Python

```
curl -X GET\
-H "Accept: */*"\
"https://railinsights.de/api/trips?tripId="
```

#### **Parameters**

Query parameters

| Name    | Description |
|---------|-------------|
| tripId* | String      |
|         | Required    |

#### Responses

```
Schema
  v[[]
     ▼ { []
       tripId:
                           string
       stop:
                            v { []
                              type:
                                         string
                              stopId:
                                         integer (int64)
                                         string
                              name:
                              location:
                                         ▼ { []
                                            latitude: number (double)
                                            longitude: number (double)
                                         }
                              products: ▼ { []
                                            nationalExpress: boolean
                                            national:
                                                             boolean
                                            regionalExp:
                                                             boolean
                                            regional:
                                                             boolean
                                                             boolean
                                            suburban:
                                            bus:
                                                             boolean
                                            ferry:
                                                             boolean
                                            subway:
                                                             boolean
                                                             boolean
                                            tram:
                                            taxi:
                                                             boolean
                                         }
                              createdAt: string (date-time)
                              station:
                                         v { []
                                            address:
                                                                     v { []
                                                                        city:
                                                                                 string
                                                                        zipcode: string
                                                                        street: string
                                            location:
                                                                     v { []
```

```
longitude: number (float)
                         }
operator:
                         ▼ { []
                            type:
                                        string
                            operatorld: string
                                        string
                            name:
                         }
timeTableOffice:
                         v { []
                            email: string
                            name: string
                         }
regionalbereich:
                         ▼ { []
                            number:
                                        integer (int32)
                            name:
                                        string
                            shortName: string
                         }
stationManagement:
                         v { []
                            number: integer (int32)
                            name:
                                    string
                         }
szentrale:
                         v { []
                                                 integer (int32)
                            number:
                            publicPhoneNumber: string
                            name:
                                                 string
                         }
stationId:
                         integer (int64)
relevance:
                         number (float)
score:
                         number (float)
weight:
                         number (float)
type:
                         string
ril100:
                         string
nr:
                         number (float)
                         string
name:
                         number (float)
category:
priceCategory:
                         number (float)
hasParking:
                         boolean
                         boolean
hasBicycleParking:
hasLocalPublicTransport: boolean
hasPublicFacilities:
                         boolean
                         boolean
hasLockerSystem:
hasTaxiRank:
                         boolean
hasTravelNecessities:
                         boolean
hasSteplessAccess:
                         string
                         string
hasMobilityService:
hasWiFi:
                         boolean
hasTravelCenter:
                         boolean
hasRailwayMission:
                         boolean
hasDBLounge:
                         boolean
hasLostAndFound:
                         boolean
hasCarRental:
                         boolean
federalState:
                         string
createdAt:
                         string (date-time)
ril100Identifiers:
                         v[[]
                            ▼ { []
                              rilldentifier:
                                                       string
```

latitude: number (float)

```
has Steam Permission:\\
                                                                                             boolean
                                                                    geographicCoordinates: ▼ { []
                                                                                                           string
                                                                                                latitude:
                                                                                                          number
                                                                                                           (float)
                                                                                                longitude: number
                                                                                                           (float)
                                                                                             }
                                                                    main:
                                                                                             boolean
                                                                 }
                                                               ]
                                     productLine:
                                                               v { []
                                                                  productLine: string
                                                                  segment:
                                                                               string
                                                               }
                                  }
                    }
when:
                    string (date-time)
                    string (date-time)
plannedWhen:
prognosedWhen:
                    string (date-time)
delay:
                    integer (int32)
platform:
                    string
plannedPlatform:
                    string
prognosedPlatform: string
prognosisType:
                    string
direction:
                    string
provenance:
                    string
line:
                    v { []
                       operator:
                                      v { []
                                         type:
                                                     string
                                         operatorld: string
                                         name:
                                                     string
                                      }
                       type:
                                      string
                                      string
                       fahrtNr:
                       name:
                                      string
                       linePublic:
                                      boolean
                       productName: string
                       lineld:
                                      string
                       product:
                                      string
                       mode:
                                      string
                                         Enum:
                                                    BUS , TAXI , WATERCRAFT , TRAIN
                       createdAt:
                                      string (date-time)
                    }
origin:
                    v { []
                       type:
                                  string
                                  integer (int64)
                       stopId:
                       name:
                                  string
                       location:
                                  v { []
                                     latitude: number (double)
                                     longitude: number (double)
                                  }
                       products: ▼ { []
                                     nationalExpress: boolean
                                     national:
                                                      boolean
                                     regionalExp:
                                                      boolean
```

regional:

boolean

```
suburban:
                               boolean
              bus:
                               boolean
              ferry:
                               boolean
              subway:
                               boolean
                               boolean
             tram:
              taxi:
                               boolean
           }
createdAt: string (date-time)
station:
           v { []
              address:
                                       v { []
                                          city:
                                                   string
                                          zipcode: string
                                          street: string
                                       }
              location:
                                       ▼ { []
                                          latitude: number (float)
                                          longitude: number (float)
                                       }
              operator:
                                       ▼ { []
                                                      string
                                          operatorId: string
                                          name:
                                                      string
                                       }
             timeTableOffice:
                                       v { []
                                          email: string
                                          name: string
                                       }
              regionalbereich:
                                       ▼ { []
                                          number:
                                                      integer (int32)
                                                      string
                                          name:
                                          shortName: string
                                       }
              stationManagement:
                                       ▼ { []
                                          number: integer (int32)
                                          name: string
                                       }
              szentrale:
                                       v { []
                                          number:
                                                               integer (int32)
                                          publicPhoneNumber: string
                                          name:
                                                               string
                                       }
              stationId:
                                       integer (int64)
              relevance:
                                       number (float)
                                       number (float)
              score:
                                       number (float)
              weight:
              type:
                                       string
              ril100:
                                       string
              nr:
                                       number (float)
                                       string
              name:
                                       number (float)
              category:
                                       number (float)
              priceCategory:
              hasParking:
                                       boolean
              hasBicycleParking:
                                       boolean
              hasLocalPublicTransport: boolean
              hasPublicFacilities:
                                       boolean
              hasLockerSystem:
                                       boolean
              hasTaxiRank:
                                       boolean
```

```
boolean
                                    hasTravelNecessities:
                                    hasSteplessAccess:
                                                              string
                                    hasMobilityService:
                                                              string
                                    hasWiFi:
                                                              boolean
                                    hasTravelCenter:
                                                              boolean
                                    hasRailwayMission:
                                                              boolean
                                    hasDBLounge:
                                                              boolean
                                    hasLostAndFound:
                                                              boolean
                                     hasCarRental:
                                                              boolean
                                    federalState:
                                                              string
                                    createdAt:
                                                              string (date-time)
                                     ril100Identifiers:
                                                              v[[]
                                                                 ▼ { []
                                                                   rilldentifier:
                                                                                           string
                                                                   hasSteamPermission:
                                                                                           boolean
                                                                   geographicCoordinates: ▼ { []
                                                                                              type:
                                                                                                         string
                                                                                              latitude:
                                                                                                         number
                                                                                                         (float)
                                                                                              longitude: number
                                                                                                         (float)
                                                                                           }
                                                                   main:
                                                                                           boolean
                                                                }
                                                              ]
                                     productLine:
                                                              v { []
                                                                 productLine: string
                                                                 segment:
                                                                              string
                                                              }
                                 }
                    }
destination:
                    ▼ { []
                       type:
                                 string
                                 integer (int64)
                      stopId:
                      name:
                                 string
                                  ▼ { []
                      location:
                                    latitude: number (double)
                                    longitude: number (double)
                                 }
                      products: ▼ { []
                                    nationalExpress: boolean
                                    national:
                                                     boolean
                                    regionalExp:
                                                     boolean
                                     regional:
                                                     boolean
                                    suburban:
                                                     boolean
                                    bus:
                                                     boolean
                                    ferry:
                                                     boolean
                                    subway:
                                                     boolean
                                                     boolean
                                    tram:
                                    taxi:
                                                     boolean
                                  }
                      createdAt: string (date-time)
                       station:
                                  ▼ { []
                                     address:
                                                              v { []
                                                                 city:
                                                                          string
                                                                 zipcode: string
                                                                 street: string
```

```
}
location:
                         ▼ { []
                            latitude: number (float)
                            longitude: number (float)
                         }
operator:
                         v { []
                            type:
                                       string
                            operatorld: string
                            name:
                                       string
                         }
timeTableOffice:
                         ▼ { []
                            email: string
                            name: string
                         }
regionalbereich:
                         v { []
                                        integer (int32)
                            number:
                            name:
                                        string
                            shortName: string
                         }
stationManagement:
                         ▼ { []
                            number: integer (int32)
                            name: string
                         }
szentrale:
                         ▼ { []
                                                 integer (int32)
                            number:
                            publicPhoneNumber: string
                            name:
                                                 string
                         }
stationId:
                         integer (int64)
relevance:
                         number (float)
                         number (float)
score:
                         number (float)
weight:
type:
                         string
ril100:
                         string
                         number (float)
nr:
                         string
name:
                         number (float)
category:
                         number (float)
priceCategory:
hasParking:
                         boolean
hasBicycleParking:
                         boolean
hasLocalPublicTransport: boolean
hasPublicFacilities:
                         boolean
hasLockerSystem:
                         boolean
hasTaxiRank:
                         boolean
hasTravelNecessities:
                         boolean
hasSteplessAccess:
                         string
hasMobilityService:
                         string
                         boolean
hasWiFi:
hasTravelCenter:
                         boolean
hasRailwayMission:
                         boolean
hasDBLounge:
                         boolean
hasLostAndFound:
                         boolean
hasCarRental:
                         boolean
federalState:
                         string
                         string (date-time)
createdAt:
ril100Identifiers:
                         ▼[[]
```

```
▼ { []
                                                                          rilldentifier:
                                                                                                  string
                                                                                                  boolean
                                                                          hasSteamPermission:
                                                                          geographicCoordinates: ▼ { []
                                                                                                     type:
                                                                                                                string
                                                                                                               number
                                                                                                     latitude:
                                                                                                                (float)
                                                                                                     longitude: number
                                                                                                                (float)
                                                                                                  }
                                                                                                  boolean
                                                                          main:
                                                                       }
                                                                    ]
                                           productLine:
                                                                     ▼ { []
                                                                       productLine: string
                                                                       segment:
                                                                                    string
                                        }
                          }
     cancelled:
                         boolean
     loadFactor:
                         string
     remarks:
                          v[[]
                            ▼ { []
                               type:
                                          string
                               code:
                                          string
                               text:
                                          string
                               createdAt: string (date-time)
                            }
                         ]
     createdAt:
                         string (date-time)
  }
]
```

## find Trips When After



/api/trips/stopId/when

#### **Usage and SDK Samples**

Curl Java Android Obj-C JavaScript C# PHP Perl Python

```
curl -X GET\
-H "Accept: */*"\
"https://railinsights.de/api/trips/stopId/when?stopId=&when="
```

#### **Parameters**

Query parameters

| Name    | Description               |
|---------|---------------------------|
| stopId* | Long (int64) Required     |
| when*   | Date (date-time) Required |

#### Responses

```
Schema
```

```
▼[[]
  ▼ { []
     tripId:
                        string
     stop:
                         ▼ { []
                           type:
                                      string
                           stopId:
                                      integer (int64)
                                      string
                           name:
                           location:
                                       v { []
                                         latitude: number (double)
                                         longitude: number (double)
                                      }
                           products: ▼ { []
                                         nationalExpress: boolean
                                         national:
                                                          boolean
                                         regionalExp:
                                                          boolean
                                                          boolean
                                         regional:
                                         suburban:
                                                          boolean
                                                          boolean
                                         bus:
                                                          boolean
                                         ferry:
                                         subway:
                                                          boolean
                                                          boolean
                                         tram:
                                         taxi:
                                                          boolean
                                      }
                           createdAt: string (date-time)
                                       v { []
                            station:
                                         address:
                                                                   ▼ { []
                                                                              string
                                                                     city:
                                                                     zipcode: string
                                                                     street: string
                                                                  }
                                         location:
                                                                   ▼ { []
                                                                     latitude: number (float)
                                                                     longitude: number (float)
                                                                  }
                                         operator:
                                                                   v { []
                                                                     type:
                                                                                 string
                                                                     operatorld: string
                                                                     name:
                                                                                 string
                                                                  }
                                         timeTableOffice:
                                                                   ▼ { []
                                                                     email: string
                                                                     name: string
                                                                  }
                                         regionalbereich:
                                                                   ▼ { []
                                                                                 integer (int32)
                                                                     number:
                                                                     name:
                                                                                 string
                                                                     shortName: string
                                                                  }
                                         stationManagement:
                                                                   ▼ { []
                                                                     number: integer (int32)
                                                                     name: string
                                                                  }
```

```
szentrale:
                                                              ▼ { []
                                                                                      integer (int32)
                                                                 number:
                                                                 publicPhoneNumber: string
                                                                 name:
                                                                                      string
                                                              }
                                     stationId:
                                                              integer (int64)
                                     relevance:
                                                              number (float)
                                     score:
                                                              number (float)
                                     weight:
                                                              number (float)
                                     type:
                                                              string
                                     ril100:
                                                              string
                                                              number (float)
                                     nr:
                                                              string
                                     name:
                                                              number (float)
                                     category:
                                                              number (float)
                                     priceCategory:
                                     hasParking:
                                                              boolean
                                     hasBicycleParking:
                                                              boolean
                                     hasLocalPublicTransport: boolean
                                     hasPublicFacilities:
                                                              boolean
                                     hasLockerSystem:
                                                              boolean
                                                              boolean
                                     hasTaxiRank:
                                     hasTravelNecessities:
                                                              boolean
                                     hasSteplessAccess:
                                                              string
                                     hasMobilityService:
                                                              string
                                     hasWiFi:
                                                              boolean
                                     hasTravelCenter:
                                                              boolean
                                     hasRailwayMission:
                                                              boolean
                                     hasDBLounge:
                                                              boolean
                                     hasLostAndFound:
                                                              boolean
                                     hasCarRental:
                                                              boolean
                                                              string
                                     federalState:
                                     createdAt:
                                                              string (date-time)
                                     ril100Identifiers:
                                                               v[[]
                                                                 v { []
                                                                    rilldentifier:
                                                                                            string
                                                                   hasSteamPermission:
                                                                                            boolean
                                                                    geographicCoordinates: ▼ { []
                                                                                                          string
                                                                                               type:
                                                                                                         number
                                                                                               latitude:
                                                                                                          (float)
                                                                                               longitude: number
                                                                                                          (float)
                                                                                            }
                                                                    main:
                                                                                            boolean
                                                                 }
                                                              ]
                                     productLine:
                                                              ▼ { []
                                                                 productLine: string
                                                                 segment:
                                                                              string
                                                              }
                                  }
                    }
when:
                    string (date-time)
plannedWhen:
                    string (date-time)
prognosedWhen:
                    string (date-time)
                    integer (int32)
delay:
platform:
                    string
```

```
plannedPlatform:
                    string
prognosedPlatform: string
prognosisType:
                    string
direction:
                    string
                    string
provenance:
line:
                    ▼ { []
                       operator:
                                      v { []
                                         type:
                                                     string
                                         operatorld: string
                                                     string
                                         name:
                                      }
                       type:
                                      string
                       fahrtNr:
                                      string
                       name:
                                      string
                       linePublic:
                                      boolean
                       productName: string
                       lineld:
                                      string
                       product:
                                      string
                       mode:
                                      string
                                         Enum:
                                                    BUS , TAXI , WATERCRAFT , TRAIN
                       createdAt:
                                      string (date-time)
                    }
origin:
                    v { []
                       type:
                                  string
                       stopId:
                                  integer (int64)
                                  string
                       name:
                       location:
                                  v { []
                                     latitude: number (double)
                                     longitude: number (double)
                                  }
                       products: ▼ { []
                                     nationalExpress: boolean
                                     national:
                                                      boolean
                                     regionalExp:
                                                      boolean
                                     regional:
                                                      boolean
                                     suburban:
                                                      boolean
                                                      boolean
                                     bus:
                                     ferry:
                                                      boolean
                                                      boolean
                                     subway:
                                     tram:
                                                      boolean
                                                      boolean
                                     taxi:
                                  }
                       createdAt: string (date-time)
                       station:
                                  v { []
                                     address:
                                                               ▼ { []
                                                                  city:
                                                                           string
                                                                  zipcode: string
                                                                  street: string
                                                               }
                                     location:
                                                               ▼ { []
                                                                  latitude: number (float)
                                                                  longitude: number (float)
                                                               }
                                     operator:
                                                               ▼ { []
                                                                  type:
                                                                              string
                                                                  operatorld: string
                                                                  name:
                                                                              string
```

```
}
timeTableOffice:
                         ▼ { []
                            email: string
                            name: string
                         }
regionalbereich:
                         v { []
                            number:
                                        integer (int32)
                            name:
                                        string
                            shortName: string
                         }
stationManagement:
                         v { []
                            number: integer (int32)
                            name: string
                         }
szentrale:
                         v { []
                            number:
                                                 integer (int32)
                            publicPhoneNumber: string
                            name:
                                                 string
                         }
stationId:
                         integer (int64)
relevance:
                         number (float)
score:
                         number (float)
weight:
                         number (float)
                         string
type:
ril100:
                         string
nr:
                         number (float)
                         string
name:
                         number (float)
category:
priceCategory:
                         number (float)
hasParking:
                         boolean
hasBicycleParking:
                         boolean
hasLocalPublicTransport: boolean
hasPublicFacilities:
                         boolean
hasLockerSystem:
                         boolean
                         boolean
hasTaxiRank:
hasTravelNecessities:
                         boolean
hasSteplessAccess:
                         string
hasMobilityService:
                         string
hasWiFi:
                         boolean
hasTravelCenter:
                         boolean
hasRailwayMission:
                         boolean
hasDBLounge:
                         boolean
hasLostAndFound:
                         boolean
hasCarRental:
                         boolean
federalState:
                         string
createdAt:
                         string (date-time)
ril100Identifiers:
                         ▼[[]
                            v { []
                              rilldentifier:
                                                       string
                              hasSteamPermission:
                                                      boolean
                              geographicCoordinates: ▼ { []
                                                         type:
                                                                    string
                                                         latitude:
                                                                    number
                                                                    (float)
                                                         longitude: number
                                                                    (float)
```

}

```
main:
                                                                                            boolean
                                                                }
                                                              ]
                                     productLine:
                                                              ▼ { []
                                                                 productLine: string
                                                                 segment:
                                                                              string
                                                              }
                                  }
                    }
destination:
                    ▼ { []
                       type:
                                  string
                       stopId:
                                  integer (int64)
                      name:
                                  string
                      location:
                                  ▼ { []
                                     latitude: number (double)
                                     longitude: number (double)
                                  }
                      products: ▼ { []
                                     nationalExpress: boolean
                                                      boolean
                                     national:
                                     regionalExp:
                                                      boolean
                                     regional:
                                                      boolean
                                     suburban:
                                                      boolean
                                     bus:
                                                      boolean
                                     ferry:
                                                      boolean
                                     subway:
                                                      boolean
                                     tram:
                                                      boolean
                                     taxi:
                                                      boolean
                                  }
                       createdAt: string (date-time)
                       station:
                                  v { []
                                     address:
                                                              v { []
                                                                 city:
                                                                          string
                                                                 zipcode: string
                                                                 street: string
                                                              }
                                     location:
                                                              ▼ { []
                                                                 latitude: number (float)
                                                                 longitude: number (float)
                                                              }
                                     operator:
                                                              v { []
                                                                 type:
                                                                            string
                                                                 operatorId: string
                                                                 name:
                                                                            string
                                                              }
                                                              ▼ { []
                                     timeTableOffice:
                                                                 email: string
                                                                 name: string
                                                              }
                                     regionalbereich:
                                                              v { []
                                                                 number:
                                                                             integer (int32)
                                                                 name:
                                                                             string
                                                                 shortName: string
                                                              }
                                     stationManagement:
                                                              ▼ { []
                                                                 number: integer (int32)
                                                                 name: string
```

```
szentrale:
                                                              ▼ { []
                                                                                      integer (int32)
                                                                 number:
                                                                 publicPhoneNumber: string
                                                                 name:
                                                                                      string
                                                              }
                                    stationId:
                                                              integer (int64)
                                    relevance:
                                                              number (float)
                                    score:
                                                              number (float)
                                    weight:
                                                              number (float)
                                                              string
                                    type:
                                    ril100:
                                                              string
                                                              number (float)
                                     nr:
                                                              string
                                    name:
                                                              number (float)
                                    category:
                                     priceCategory:
                                                              number (float)
                                    hasParking:
                                                              boolean
                                    hasBicycleParking:
                                                              boolean
                                    hasLocalPublicTransport: boolean
                                    hasPublicFacilities:
                                                              boolean
                                    hasLockerSystem:
                                                              boolean
                                    hasTaxiRank:
                                                              boolean
                                    hasTravelNecessities:
                                                              boolean
                                    hasSteplessAccess:
                                                              string
                                    hasMobilityService:
                                                              string
                                    hasWiFi:
                                                              boolean
                                    hasTravelCenter:
                                                              boolean
                                                              boolean
                                    hasRailwayMission:
                                    hasDBLounge:
                                                              boolean
                                    hasLostAndFound:
                                                              boolean
                                     hasCarRental:
                                                              boolean
                                    federalState:
                                                              string
                                                              string (date-time)
                                    createdAt:
                                     ril100Identifiers:
                                                              v[[]
                                                                 v { []
                                                                   rilldentifier:
                                                                                            string
                                                                                            boolean
                                                                   hasSteamPermission:
                                                                   geographicCoordinates: ▼ { []
                                                                                               type:
                                                                                                         string
                                                                                              latitude:
                                                                                                         number
                                                                                                         (float)
                                                                                               longitude: number
                                                                                                         (float)
                                                                                            }
                                                                                            boolean
                                                                   main:
                                                                }
                                                              ]
                                     productLine:
                                                              ▼ { []
                                                                 productLine: string
                                                                 segment:
                                                                              string
                                                              }
                                  }
                    }
cancelled:
                    boolean
loadFactor:
                    string
                    ▼[[]
remarks:
                       ▼ { []
```

}

```
type: string
code: string
text: string
createdAt: string (date-time)
}

createdAt: string (date-time)
}

createdAt: string (date-time)
}
```

Suggestions, contact, support and error reporting;

Information URL: https://railinsights.de (https://railinsights.de) Contact Info: hello@helloreverb.com (hello@helloreverb.com)

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