Inhalt

[Codelists from 90918-10 2](#_Toc45280962)

[BarcodeType 2](#_Toc45280963)

[ControlDataExchangeType 2](#_Toc45280964)

[FareType 2](#_Toc45280965)

[FulfilmentType 3](#_Toc45280966)

[Gender 3](#_Toc45280967)

[Interface Type (legacy reservation interface) 3](#_Toc45280968)

[Personal data items 3](#_Toc45280969)

[Personal data transfer types 5](#_Toc45280970)

[Personal data change reasons 5](#_Toc45280971)

[Preferences of places 5](#_Toc45280972)

[Preference groups 9](#_Toc45280973)

[Properties of places 9](#_Toc45280974)

[Reason for after sale 12](#_Toc45280975)

[Reduction “cards” 13](#_Toc45280976)

[CardType 14](#_Toc45280977)

[Sales Channel Type 14](#_Toc45280978)

[Service Brand Codes 14](#_Toc45280979)

[Service Class / Classic Class 14](#_Toc45280980)

[Station codes 15](#_Toc45280981)

[SupportedOnlineServices 15](#_Toc45280982)

[TaxScope 16](#_Toc45280983)

[TimeReference 16](#_Toc45280984)

[TimeUnit 16](#_Toc45280985)

[TransferTypes 17](#_Toc45280986)

[TravelerTypes 17](#_Toc45280987)

[Codelists from 90918-1 18](#_Toc45280988)

[ServiceLevel 18](#_Toc45280989)

[ItemTypes for graphical coach displays 21](#_Toc45280990)

[attachedItems in car carriage 29](#_Toc45280991)

[placeDirection (in graphical coach displays) 29](#_Toc45280992)

[zOder (graphical layers in graphical coach display) 29](#_Toc45280993)

[mounting (graphical items mounting in graphical coach display) 30](#_Toc45280994)

[FulfillmentMedium 30](#_Toc45280995)

[Fulfillment.FeatureType 30](#_Toc45280996)

[FeatureLinkType 31](#_Toc45280997)

[SocialMediaAccount.type 31](#_Toc45280998)

[Legacy codes in reservation (for temporary compatibility reasons in fares only) 32](#_Toc45280999)

[travelClass 32](#_Toc45281000)

## Codelists from 90918-10

### BarcodeType

|  |  |
| --- | --- |
| Code | Description |
| FCB | Flexible Content Barcode (IRS 90918-9) |
| TLB | Ticket Layout Barcode (IRS 90918-9) |
| SBB | Small Structured Barcode (IRS 90918-9) |

### ControlDataExchangeType

|  |  |
| --- | --- |
| Code | Description |
| IRS90918\_4\_REGISTRY | See IRS 90918-4, data are deliverd to the UIC registry |
| IRS90918\_4\_PEER2PEER | See IRS 90918-4, adata are exchange peer 2 peer |
| PROPRIETARY |  |

### FareType

|  |  |
| --- | --- |
| Code | Description |
| NRT | NRT |
| IRT | IRT |
| RES | RES (with or without supplement) |
| ANC | Ancilliary |

### FulfilmentType

|  |  |
| --- | --- |
| Code | Description |
| SIP | Secure Paper - See IRS 90918-9 |
| SID | Security in Data – signed barcode - See IRS 90918-9 |
| SIS | Security in System – online contol interface - See IRS 90918-9 |

### Gender

|  |  |
| --- | --- |
| Gender code | Description |
| MALE | Male |
| FEMALE | Female |
| X | Diverse |

### Interface Type (legacy reservation interface)

|  |  |
| --- | --- |
| Code | Description |
| IRS90918\_1\_BINARY | Reservation interface according to IRS90918-1 binary message format |
| IRS90918\_1\_XML | Reservation interface according to IRS90918-1 XML message format |
| IRS90918\_1\_BINARY | Reservation interface according to IRS90918-1 binary message format |

### Personal data items

Codes for personal data items that might be transferred to the carrier if required.

|  |  |
| --- | --- |
| Code | Description |
| DATE\_OF\_BIRTH | Date of birth |
| E\_MAIL | e-mail |
| PHONE | Phone number |
| FULL\_NAME | Full name (first and last name) |
| LAST\_NAME | Last name |
| SOCIAL\_MEDIA\_ACCOUNT | A social media account |
| LANGUAGE | Languages of the traveler |
| TITLE | Title of the traveler |
| DOC\_TYPE | Type of the document if passport or id card are possible |
| DOC\_ID | ID of the document |
| DOC\_NAME | Name of the traveler as written on the document |
| DOC\_CITY\_OF\_RESIDENCE | City of residence as written in the document |
| DOC\_COUNTRY\_OF\_BIRTH |  |
| DOC\_COUNTRY\_OF\_ISSUE |  |
| DOC\_COUNTRY\_OF\_RESDENCE |  |
| DOC\_DATE\_OF\_ISSUE |  |
| DOC\_GENDER | Gender as written in the document |
| GENDER | Gender to be used for special bookings |
| DOC\_NATIONALITY | Nationality as given in the document |
| DOC\_LIMIT\_OF\_VALIDITY | Limit of validity as written on the document |
| DOC\_CITY\_OF\_ISSUE |  |
| DOC\_CITY\_OF\_BIRTH |  |
| DOC\_TYPE\_PASSPORT | Document provided must be a passport |
| CARD\_ISSUER | Card issuer |
| CARD\_NUMBER | Card identifier |

### Personal data transfer types

|  |  |
| --- | --- |
| Code | Description |
| BOOKING | The data will be transfered via the booking services |
| SIS\_CONTROL | The data will be transfered via security in system control data exchange (IRS 90918-4) |
| SID | The data will be transfered via a barcode |

### Personal data change reasons

|  |  |
| --- | --- |
| Code | Description |
| IN\_GENERAL | No specific reason |
| MARRIAGE |  |
| DOCUMENT\_EXCHANGE | E.g. passport was lost and replaced |
| AGENT\_ERROR | Personal data were enterd wronlgy by the sales agent |

### Preferences of places

|  |  |  |
| --- | --- | --- |
| Code | Group | Description |
| FIRST\_CLASS | CLASS | Seat first class |
| SECOND\_CLASS | CLASS | Seat second class |
| AISLE | AISLE\_WINDOW | Single window seat |
| ASILE | PLACE\_LOCATION |  |
| WINDOW | PLACE\_LOCATION |  |
| UPPER\_BED | BED\_LOCATION |  |
| LOWER\_BED | BED\_LOCATION |  |
| MIDDLE\_BED | BED\_LOCATION |  |
| UPPER\_COUCHETTE | BED\_LOCATION |  |
| MIDDLE\_COUCHETTE | BED\_LOCATION |  |
| LOWER\_COUCHETTE | BED\_LOCATION |  |
| UPPER\_DECK | LEVEL |  |
| LOWER\_DECK | LEVEL |  |
| COMPARTMENT | PLACE\_GROUPING |  |
| OPEN\_SPACE | PLACE\_GROUPING |  |
| TABLE |  | Places at a table |
| BICYCLE | VEHICLE | Bicycle |
| TANDEM | VEHICLE | Tandem bicycle |
| PRAM | VEHICLE | Space for a pram |
| AIR-CONDITIONED |  |  |
| PANORAMA |  | Panorama coach |
| MANAGER |  | Manager compartment / business |
| VIDEO |  | Place with video entertainment |
| CABIN8 | PLACE\_GROUPING |  |
| DUO\_F2F | PLACE\_GROUPING | Duo face to face (2 seats facing) |
| DUO\_SBS | PLACE\_GROUPING | Duo side by side (2 seats side by side) |
| CLUB\_2 | PLACE\_GROUPING | Club Duo (2 seats facing in a separate compartment) |
| CLUB\_4 | PLACE\_GROUPING | Club 4 (4 seats facing) |
| CARRE | PLACE\_GROUPING | Carré (4 seats facing normally 2nd Class) |
| SALON | PLACE\_GROUPING | Salon (6 seats facing in separate compartment) |
| KIOSQUE | PLACE\_GROUPING | Kiosque (special seats in edge area) |
| SOLO | PLACE\_GROUPING | Separate place |
|  |  |  |
| SILENCE | USAGE |  |
| OFFICE | USAGE |  |
| ~~ACC\_BICYCLE~~ | ~~ACC\_VEHICLE~~ | ~~Place with bicycle~~ |
| ~~ACC\_TANDEM~~ | ~~ACC\_VEHICLE~~ | ~~Place with tandem bicycle~~ |
| BISTRO |  | Places in a coach with self-service bistro |
| CLASSIC |  | Classic coach |
| RESTAURANT | USAGE | Places in the restaurant coach |
| FRONT\_VIEW |  | Places with view to the front |
| PRM | PRM | Places for passenger needing assistance / disabled |
| EASY\_ACCESS | PRM | Place with easy access for PRMs |
| WHEELCHAIR | PRM | Wheelchair place with additional seat |
| WHEELCHAIR\_WS | PRM | Wheelchair place without additional seat |
| PHONE |  | Places in an area with mobile phone amplifier |
| NEAR\_ANIMALS | ANIMALS | Places close to place with animals |
| SILENCE |  | Places in silence area |
| NEAR\_DINING |  | Places near the dining car |
| WIFI |  | Places with WiFi access point |
| POWER |  | Place with power socket |
| WITH\_ANIMALS | ANIMALS | Place with animals (animals allowed) |
| WITHOUT\_ANIMALS | ANIMALS | Place in an area where animals are not allowed |
| WITH\_SMALL\_CHILDREN | FAMILY | Places for passengers with small children |
| ACC\_PRAM | FAMILY | Place with space for a pram |
| FAMILY | FAMILY | Places in family area |
| NEAR\_PLAY\_AREA | FAMILY | Places near a child play area |
| FEMALE | USAGE | Female compartment |
| DOUBLE\_BED |  | Sleeper with double bed |
| CONNECTING\_DOOR |  | Compartments with connecting Door (in Sleepers) |
| CONFERENCE | USAGE | Conference compartment |

### Preference groups

|  |  |
| --- | --- |
| Code | description |
| PLACE\_LOCATION | Place location (Aisle, Window) |
| BERTH\_LOCATION | Location of a berth or couchette |
| LEVEL | Upper or lower deck |
| PLACE\_GROUPING | Compartment / Open Space |
|  |  |
| VEHICLE | Different types of vehicles |
| USAGE | Different usage types for different coach areas |
| ACC\_VEHICLE | Different types of accompanying vehicles |
| FAMILY | Different types of places for families |
|  |  |

### Properties of places

|  |  |
| --- | --- |
| Code | Description |
| AILE |  |
| WINDOW |  |
| UPPER\_BED |  |
| LOWER\_BED |  |
| MIDDLE\_BED |  |
| UPPER\_COUCHETTE |  |
| MIDDLE\_COUCHETTE |  |
| LOWER\_COUCHETTE |  |
| UPPER\_DECK |  |
| LOWER\_DECK |  |
| COMPARTMENT |  |
| OPEN\_SPACE |  |
| TABLE | Places at a table |
| BICYCLE | Bicycle |
| TANDEM | Tandem bicycle |
| PRAM | Space for a pram |
| AIR-CONDITIONED |  |
| PANORAMA | Panorama coach |
| MANAGER | Manager compartment / business |
| VIDEO | Place with video entertainment |
| CABIN8 |  |
| DUO\_F2F | Duo face to face (2 seats facing) |
| DUO\_SBS | Duo side by side (2 seats side by side) |
| CLUB\_2 | Club Duo (2 seats facing in a separate compartment) |
| CLUB\_4 | Club 4 (4 seats facing) |
| CARRE | Carré (4 seats facing normally 2nd Class) |
| SALON | Salon (6 seats facing in separate compartment) |
| KIOSQUE | Kiosque (special seats in edge area) |
| SOLO | Separate place |
| SILENCE |  |
| OFFICE |  |
| ~~ACC\_BICYCLE~~ | ~~Place with bicycle~~ |
| ~~ACC\_TANDEM~~ | ~~Place with tandem bicycle~~ |
| BISTRO | Places in a coach with self-service bistro |
| CLASSIC | Classic coach |
| RESTAURANT | Places in the restaurant coach |
| FRONT\_VIEW | Places with view to the front |
| PRM | Places for passenger needing assistance / disabled |
| EASY\_ACCESS | Place with easy access for PRMs |
| WHEELCHAIR | Wheelchair place with additional seat |
| WHEELCHAIR\_WS | Wheelchair place without additional seat |
| PHONE | Places in an area with mobile phone amplifier |
| NEAR\_ANIMALS | Places close to place with animals |
| SILENCE | Places in silence area |
| NEAR\_DINING | Places near the dining car |
| WIFI | Places with WiFi access point |
| POWER | Place with power socket |
| WITH\_ANIMALS | Place with animals (animals allowed) |
| WITHOUT\_ANIMALS | Place in an area where animals are not allowed |
| WITH\_SMALL\_CHILDREN | Places for passengers with small children |
| ~~ACC\_PRAM~~ | ~~Place with space for a pram~~ |
| FAMILY | Places in family area |
| NEAR\_PLAY\_AREA | Places near a child play area |
| FEMALE | Female compartment |
| DOUBLE\_BED | Sleeper with double bed |
| CONNECTING\_DOOR | Compartments with connecting Door (in Sleepers) |
| CONFERENCE | Conference compartment |
| COMPARTMENT\_SHOWER\_WC | Compartment with shower and WC |
| COMPARTMENT\_WC | Compartment with shower |
| SLEEPERETTE | Sleeperette (reclining seat) |
| BUSINESS | Manager compartment/business |
| CONFERENCE\_ROOM | Conference room |
| BICYCLE\_INCL\_SEAT | Bicycle including seat |
| CLUB | Club (RENFE) |
| PREFERENTE | Preferente (RENFE) |
| TOURIST | Tourist (RENFE) |
| COUCHETTE\_4 | Four-berth couchette compartment |
| COUCHETTE\_EMPTY | Couchette coach without equipment |
| WITH\_DRINK | with drink |
| WITH\_MEAL | with meal |
| PREMIUM | PREMIUM |
| WITH\_BREAKFAST | Breakfast included |
| COUCHETTE\_5 | Five-bed couchette compartment |
| DOUBLE\_BED | Double bed (Suite DeLuxe) |
| EXCELLENCE | Excellence Class |
| RESTAURANT | Restaurant (places in a dining car) |
| COUCHETTE\_2 | Two-bed couchette compartment |
| COUCHETTE\_6 | Six-bed couchette compartment |
| BED\_SINGLE | Single sleeper compartment |
| BED\_SPECIAL | Special (small) one bed sleeper compartment |
| BED\_DOULBE | Double sleeper compartment |
| BED\_T2 | Small double sleeper compartment |
| BED\_T3 | Three bed sleeper compartment |
| BED\_T4 | Four bed sleeper compartment |

### Reason for after sale

|  |  |
| --- | --- |
| Code | Description |
| REFUND\_STRIKE |  |
| REFUND\_SALES\_STAFF\_ERROR |  |
| REFUND | Cancellation on request of a traveler |
| REFUND\_PAYMENT\_FAILURE | Cancellation made by the allocator due to a failed payment |
| EXCHANGE | The indicated previous bookings will be cancelled after the confirmation of the new booking. |
| UPGRADE | The original booking(s) stay valid. The new booking is an upgrade depending on the old bookings. |
| INCREASE\_TRAVELLERS | The number of passengers is increased. The new booking replaces the old booking after confirmation |
| DECREASE\_TRAVELLERS | The number of passengers is decreased. The new booking replaces the old booking after confirmation. |
| EXCHANGE\_KEEP\_CARRIER | Exchange with a new fare of the same carrier |
| EXCHANGE\_CHANGE\_CARRIER | Exchange with a new fare of another carrier |
|  |  |

### Reduction “cards”

The following code lists defines the commonly used cards which are not provided by a specific carrier:

|  |  |  |  |
| --- | --- | --- | --- |
| Predefined Card-Ids | Issuer | Description | type |
| **UIC\_EURAIL** | **Eurail** | **Eurail Pass** | PASS |
| **UIC\_INTERRAIL** | **Eurail** | **Interrail Pass** | PASS |
| **UIC\_FIP\_LEASURE\_RED** | **FIP** | **FIP reduction (50%)** | REDUCTION\_CARD |
| **UIC\_FIP\_DUTY** | **FIP** | **FIP duty** | PASS |
| **UIC\_FIP\_LEASURE\_FREE** | **FIP** | **FIP free personal use** | PASS |
| **UIC\_RAILPLUS** | \* | A pure rail plus card | REDUCTION\_CARD |
| **UIC\_RIT\_1** | \* | RIT reduction for RIT 1 members | REDUCTION\_CARD |
| **UIC\_RIT\_2** | \* | RIT reduction for RIT 2 members | REDUCTION\_CARD |
| **UIC\_RIT\_3** | \* | RIT reduction for RIT 3 members | REDUCTION\_CARD |

### CardType

The following code list defines the card types for cards used

|  |  |
| --- | --- |
| Predefined Card-Ids | Description |
| LOYALTY\_CARD | Loyalty card |
| REDUCTION\_CARD | Card providing reduction |
| PASS | Pass for travelling |

### Sales Channel Type

|  |  |
| --- | --- |
| Channel type code | description |
| STATION\_OFFICE |  |
| VENDING\_MACHINE |  |
| WEB\_SALE |  |
| MOBILE\_SALE |  |
| ON\_BOARD\_SALE |  |
| AGENCY\_SALE |  |

### Service Brand Codes

Codes from the official UIC/TAP-TSI code list must be used.

<https://uic.org/passenger/passenger-services-group/article/service-brand-code-list>

### Service Class / Comfort Class

|  |  |  |
| --- | --- | --- |
| Code | Description | Comfort Class |
| A | 1st class A (highest service level) | FIRST |
| B | 1st class B - todays standard 1st class | FIRST |
| C | 2nd class C | SECOND |
| D | 2nd class D (lowest service level) - todays standard 2nd class | SECOND |
|  |  |  |

Examples:

ÖBB: A = Business, B = 1st class, D = 2nd class

DB: B = 1st class, D = 2nd class

RHB: A = Excellence Class, B = 1st. class, D = 2nd class

### Station codes

The station codes are the station codes defined in the time table data according to TAP-TSI. A valid source for the code list is MERITS.

### SupportedOnlineServices

Online services supported by the carrier.

|  |  |
| --- | --- |
| Supported online services | Description |
| OFFER | Offer service (without after sales offers) |
| BOOKING | Preliminary booking, confirm booking and cancellation |
| RESERVATION\_LEGACY\_918\_1 | Services according to the 90918-1 XML or binary specification |
| RESERVATION\_PREF | Place allocation using preferences |
| RESERVATION\_GRAPH | Place allocation using graphical place display |
| UPGRADE | Upgrade to an existing booking |
| INCREASE | Exchange with an increase of the number of travelers |
| DECREASE | Exchange with an decrease of the number of travelers |
| EXCHANGE | Exchange with the same number of travelers |
| FULFILLMENT | Only in case of separate ticket! – providing an entire tickets |
| FULFILLMENT\_ITEMS | Providing security items for a ticket (e.g. additional bar codes) |

### TaxScope

|  |  |
| --- | --- |
| Code | description |
| INTERNATIONAL | VAT applies in international tickets only  This needs to be applied in case the fare is integrated into an international ticket |
| NATIONAL | VAT applies in national tickets only |
| SHORT\_DISTANCE | VAT applies in short distance tickets only |
| LONG\_DISTANCE | VAT applies in long distance tickets only  This needs to be applied in case the fare is integrated in a longer journey. |

### TimeReference

|  |  |
| --- | --- |
| Code | Description |
| BEFORE\_DEPARTURE | Time value calculated relative to the departure (subtract from departure)  The time zone of the departure station applies. |
| AFTER\_DEPARTURE | Time value calculated relative to the departure (add to depature)  The time zone of the departure station applies. |
| AFTER\_SALE | Time value calculated relative to the sates time (add to sales time). The time zone of the sale applies. |
| BEFORE\_START\_VALIDITY | before the start of the validity. The time zone of the departure station applies. |
| AFTER\_END\_VALIDITY | after the start of the validity. The time zone of the departure station applies. |

### TimeUnit

|  |  |
| --- | --- |
| Code | Description |
| DAY | Time value calculated relative to the departure (subtarct from departure) |
| MONTH | Time value calculated relative to the departure (add to depature) |
| HOURE | Time value calculated relative to the sates time (add to sales time) |

### TransferTypes

|  |  |
| --- | --- |
| Code | Description |
| **WALK** | **A walk** |
| **OTHER** | **Other types of transfer (e.g. taxi, local city transport not included in the offer,...)** |

### TravelerTypes

Traveler type provides generic codes for the usual types of passengers.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TravelerType/Transportable type | Description | Anxilliary service | bulk | Online  request | Online reply |
| YOUNG\_CHILD | Young child – defined by the carrier depending on the age |  | X |  | X |
| CHILD | Child – defined by the carreir depending on the age |  | X |  | X |
| YOUTH | Youth – defined by the carreir depending on the age |  | X |  | X |
| ADULT | Adult – defined by the carreir depending on the age |  | X |  | X |
| SENIOR | Senior – defined by the carreir depending on the age |  | X |  | X |
| FAMILY\_CHILD | Child associated with a family travellimng together |  | X | X | X |
| ACCOMP\_PRM | Accompanying Person for PRM |  | X |  | X |
| PRM\_CHILD | Handicapped young child accompanied by one person where the usual child according to the age price would be zero and the accompanying person would also be free |  | X |  | X |
| WHEELCHAIR | Passenger with wheelchair |  |  | X |  |
| PERSON | Used in requests together with date of birth |  |  | X |  |
| PRM | Person with reduced mobility – to be used in case of accompanying person or dog, date of birth must be provided additionally |  |  | X |  |
| DOG | A dog | X | X | X | X |
| LUGGAGE | Oversize luggage | X | X | X | X |
| BICYCLE | A bicycle | X | X | X | X |
| ACCOMP\_DOG | An accompagning dog for a PRM | X | X | X | X |
| CAR | A car for carcarriage trains | X | X | X | X |
| MOTOCYCLE | A motocycle for car carriage trains | X | X | X | X |
| TRAILER | A trailer for car carriage trains | X | X | X | X |

## Codelists from 90918-1

### ServiceLevel

|  |  |
| --- | --- |
| **Code** | **Category of accommodation (Service Level)** |
| A | Seat 1st Class |
| AH | Classic (places in a historic coach) (1st class) |
| AM | Business compartment 1st Class |
| AR | Wheel chair seat 1st Class |
| AS | Quiet compartment 1st Class |
| AV | Front view places (1st class) |
| AW | 1st Class with WiFi Access Point |
| B | Seat 2nd Class |
| BC | place near children’s play area 2nd Class |
| BD | place with animal 2nd Class |
| BE | Restaurant (places in a dining car) (2nd class) |
| BH | Classic (places in a historic coach) (2nd class) |
| BN | place close to place with animal 2nd Class |
| BR | Wheelchair seat 2nd Class |
| BS | Quiet compartment 2nd Class |
| BW | 2nd Class with Wifi Access Point |
| C | Couchette 1st Class |
| D | Couchette 2nd Class |
| DR | Wheelchair in sleeping car |
| D2 | Cabin-couchette coach 2nd Class |
| D4 | Couchette 2nd Class four-berth |
| D5 | Couchette 2nd Class five-berth |
| D6 | Couchette 2nd Class six-berth |
| E | Sleeperette 1st Class |
| EX | Excellence Class |
| F | Sleeperette 2nd Class |
| G | Premium 1st Class |
| G2 | Premium 2nd Class |
| H | Leisure 1st Class |
| I | - |
| J | - |
| K | Euraffaires |
| L | Single |
| M | Special |
| N | Double |
| O | Vehicle parking place |
| O3 | Vehicle parking place category 1 – 3 |
| O4 | Motorcycle |
| O5 | Motorcycle with sidecar |
| O8 | Vehicle parking place category 6 – 8 |
| OB | Bicycle |
| OL | Long trailer category 3 – 5 |
| OS | Short trailer category 1 – 2 |
| OT | Tandem Bicycle |
| P | T2 |
| Q | T3 |
| R | T4 |
| S | Single with shower & WC |
| SL | Single with shower & WC & double bed |
| T | Double with shower & WC |
| TL | Double with shower & WC & double bed |
| U | T3 with shower & WC |
| V | - |
| W | Double with shower |
| X | Club |
| Y | Preferente |
| Z | Tourist |
| **BP** | **private compartment seats** |
| **F4** | **Ladies compartment couchette 2nd Class 4-berth** |
| **F6** | **Ladies compartment couchette 2nd Class 6-berth** |
| **DP** | **Private compartment couchettes** |
| **PS** | **Private compartment berth** |
| **PD** | **Private compartment berth deluxe** |
|  |  |

### ItemTypes for graphical coach displays

|  |  |  |  |
| --- | --- | --- | --- |
| Icon | description | Type | |
| sitz_std | seat | 1 | |
| sitz_std_l | seat | 1 | |
| sitz_std_u | seat | 1 | |
| sitz_std_o | seat | 1 | |
|  | berth | 2 | |
|  | berth | 2 | |
|  | couchette | 3 | |
|  | couchette | 3 | |
| table | small table | 20 | |
| table_bottom | small table | 20 | |
| table_large | big table | 21 | |
| table_large_bottom | big table | 21 | |
| ll_wand_o | wall with angle to left  height covers three places | 24 | |
| lr_wand_o | wall with angle to right  height covers three places | 25 | |
| ll_wand_u | wall with angle to left  height covers three places | 24 | |
| lr_wand_u | wall with angle to right  height covers three places | 25 | |
| ll_wand_ko | small wall with angle to left  height covers two places | 27 | |
| lr_wand_ko | small wall with angle to right  height covers two places | 28 | |
| ll_wand_ku | small wall with angle to left  height covers two places | 27 | |
| lr_wand_ku | small wall with angle to right  height covers two places | 28 | |
| t_wand_o | wall between two compartments  height covers three places | 23 | |
| t_wand_u | wall between two compartments  height covers three places | 23 | |
| t_wand_ko | small wall between two compartments  height covers two places | 26 | |
| t_wand_ku | small wall between two compartments  height covers two places | 26 | |
| wand_small | small wall between two compartments  height covers two places | 29 | |
| wand_small | small wall between two compartments  height covers two places | 29 | |
| wand_small | very small wall between two compartments  height covers one places | 32 | |
| wand_small | Very small wall between two compartments  height covers one places | 32 | |
| trenner | end-to-end wall | 30 | |
|  | Mobile wall between sleeping compartments  height covers three places | 31 | |
| separatorArrow_leftUp | arrow indicating upper level | 51 | |
| separatorArrow_leftDown | arrow indicating lower level | 52 | |
| separatorArrow_rightUp | arrow indicating upper level | 53 | |
| separatorArrow_rightDown | arrow indicating lower level | 54 | |
| 1klasse | 1st class area | 101 | |
| 2klasse | 2nd class area | 100 | |
| handy | mobile phone area | 103 | |
| nohandy | mobile phone forbidden area | 104 | |
| ruhebereich | silence area | 116 | |
| bar | bar area | 102 | |
| essen | dining area | 107 | |
| fahrrad | bicycle area | 108 | |
| gepaeckraum | luggage area | 109 | |
| gepaeckskammer | luggage locker | 110 | |
| gruppe | conference compartment | 111 | |
| kleiderbuegel | wardrobe | 113 | |
| muell | dust bin | 114 | |
| spielplatz | children play area | 117 | |
| kindwagen | Space for prams | 112 | |
| mutter_kind | family area | 106 | |
| behindert | PRM area | 105 | |
| priorityseats | Priority Seats | 120 | |
| no_smoking | Non-smoker area | 118 | |
| wc | WC | 115 | |
| power_socket | power socket | 119 | |
|  | WiFi area | 130 | |
|  | PRM toilet | 131 | |
|  | Air condition | 132 | |
|  | USB ports for charging | 133 | |
|  | Reclining seat | 134 | |
| window | Window | 135 | |
|  | stairs upwards | 136 | |
|  | stairs downwards | 137 | |
|  | Working compartment | 144 | |
|  | Cabin for allergic passengers | 145 | |
|  | Meeting lounge for 7 persons (Pendolino) | 150 | |
|  | Meeting lounge for 12 persons | 151 | |
|  | Space for skis | 154 | |
|  | Conductor working compartment | 155 | |
|  | Mobile phone booth | 156 | |
|  | T-loop (audio induction loop) | 158 | |
|  | Pets compartment | 160 | |
|  | Sleeping cabin with toilet and shower | 161 | |
|  | interconnectible sleeping compartments | 162 | |
|  | Shower | 163 | |
|  | Baby-care table | 168 | |
|  | push-button operated wheelchair ramp | 170 | |
|  | Sink / washbasin | 171 | |
|  | Ladies compartment | 172 | |
|  |  |  | |
|  |  |  | |
| **icons concerning the entire coach** | | |
| 1klasse_area | 1st class coach | 121 | |
| 2klasse_area | 2nd class coach | 122 | |
| handy_area | mobile phone coach | 127 | |
| nohandy_area | mobile phone forbidden in the entire coach | 128 | |
| ruhebereich_area | 1silence coach | 126 | |
| bar_area | coffee bar | 123 | |
| essen_area | dining car | 124 | |
| fahrrad_area | bicycle coach | 125 | |
| gruppe_EG | mixed group/individual coach | 129 | |
|  | WiFi area | 139 | |
|  | Air condition | 140 | |
|  | USB ports for charging | 141 | |
|  | Business class | 142 | |
| panorama | Panorama coach | 143 | |
|  | Luggage van | 173 | |
|  | Sleeping car | 174 | |
|  | Car-carrier | 175 | |

### attachedItems in car carriage

ROOF\_RACK

BICYCLE\_STAND

### placeDirection (in graphical coach displays)

direction of a seat, defined optional as it might be omitted in case of berths in future.

R = to right,

L = to left,

U = up (from right side of a coach pointing to the middle of the aile),

D = down (from right side of the coach pointing to the middle of the aile)

### zOder (graphical layers in graphical coach display)

0 = lowest layer usually used for walls

1 = middle layer usually used by places

2 = top layer usually used by icons

### mounting (graphical items mounting in graphical coach display)

indicates, that the item is located at

the upper border (U)

the lower border (L)

goes from upper to lower border (E)

or is placed free (F)

### FulfillmentMedium

Medium for issuing a ticket. Different Medium might have different restrictions on the content due to size limitations.

* "RCT2" secure paper RCT
* "RCCST" secure paper RCCST
* "paper" blank A4 paper
* “phone" smart phone
* "nomedium" travelling with a name, an Id or Card

### Fulfillment.FeatureType

Type of a security feature provided as binary data

The FeatureType indicates the type of a security feature and the format in which the data are provided:

* "rawBc" binary data too be included in an bar code

The base64 encoded byte raw data to be included in an aztec bar code. This includes the data of the ticket and the signature in case the bar code is signed. It does not include the any high level encoding of the bar code (aztec encoding).

* "matrixBc" binary data of the black and white pixel matrix of a square bar code

A base64 encoded bit-array containing a bit for each square of a bar code. The number of bits is the number of black and white squares in the bar code. The data are padded to full octets for a byte array. The bits start in the upper left corner of the bar code.

* "pngBc" png image data of a bar code

A base64 encoded byte array containing the image formatted as png (portable network grapgic)

* "jpgBc" jpg data of a bar code

A base64 encoded byte array containing the image of a bar code formatted as jpg

* "pngVe" png image data of a visual element

A base64 encoded byte array containing the image of a visual security element code formatted as png.

* "jpgVe" jpg data of a visual element

A base64 encoded byte array containing the image of a visual security element code formatted as jpg.

* "gifVe" jpg data of a visual element

A base64 encoded byte array containing the image of a visual security element code formatted as gif. Animated gif images can be used on smartphones.

### FeatureLinkType

The type of a security feature to be downloaded via a link (URI).

* "visual element" download of visual security element (formats jpg, png, gif)
* "barcode" download of barcode as image (formats jpg, png)

### SocialMediaAccount.type

Type of the social media account provided:

* facebook
* whatsapp
* skype
* wechat

## Legacy codes in reservation (for temporary compatibility reasons in fares only)

### travelClass

1 = 1st Class

2 = 2nd Class

C = Club

P = Superior

T = Tourist