



W2M API - Package Availability

Package Availability API

Version: 6.0.0

Url:

1. PRE: <https://pre-api.w2m.com>
2. PRO: <https://api.w2m.com>

BasePath: /agency/packages

Copyright W2M

Access authorization

OAuth 2.0

grant-type: password

the token must be ordered for each agency and must be used as long as it does not expire (allowing a margin)

Changelog

Icarion branded products can have associated extensions (mandatory or optional), for which the following attributes have been added:

1. For request product with extensions see [extension request](#) Remember: availability is only allowed if 'lockedQuote' is disabled (see package-product response)

Booking optionals

1. Endpoint to add optionals into booking.
Requirement: this method is only for booking already created and requested agency must be the same as booking agency
NOTE: for add optionals into new booking you can use prebooking flag (withOptionals). For more information see the booking documentation.
The procedure is the same as for creating a reserve (optionals availability, prebooking and booking)

Component combination rules

1. New combination rule value
New attribute 'componentCodes'. if the value is reported then the combination rules only apply to the indicated components (e.g. RT+RT: if there are 4 flights in the response the rule may indicate that it only applies to 2 of them)

Methods

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OptionalsForBooking

[GET /api/v1/availability/optionals/{brandCode}/{bookingReference}](#)

(doBookingOptionals)

Get booking by brand and reference for booking user

Return type

Example data

Content-Type: application/json

```
{
  "passengers" : [ {
    "code" : "code",
    "gender" : "MALE",
    "extraData" : [ {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    }, {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    } ],
    "surname" : "surname",
    "name" : "name",
    "holder" : true,
    "dateOfBirth" : "2000-01-23",
    "age" : 9
  }, {
    "code" : "code",
    "gender" : "MALE",
    "extraData" : [ {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    }, {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    } ],
    "surname" : "surname",
    "name" : "name",
    "holder" : true,
    "dateOfBirth" : "2000-01-23",
    "age" : 9
  } ],
  "currency" : {
    "code" : "EUR",
    "name" : "Euro"
  },
  "optionals" : [ {
    "minSelectedItems" : 0,
    "code" : "code",
    "subtype" : "subtype",
    "name" : "name",
    "start" : "2000-01-23",
    "options" : [ {
      "type" : "type",
      "status" : "ERROR"
    }, {
      "type" : "type",
      "status" : "ERROR"
    } ],
    "end" : "2000-01-23",
    "from" : {
      "code" : "code",
      "locationUseType" : "DEPARTURE",
      "name" : "name",
      "locationType" : "AIRPORT"
    },
    "type" : "LODGING",
    "maxSelectedItems" : 1
  }, {
    "minSelectedItems" : 0,
    "code" : "code",
    "subtype" : "subtype",
    "name" : "name",
    "start" : "2000-01-23",
    "options" : [ {
```

```

    "type" : "type",
    "status" : "ERROR"
  }, {
    "type" : "type",
    "status" : "ERROR"
  } ],
  "end" : "2000-01-23",
  "from" : {
    "code" : "code",
    "locationUseType" : "DEPARTURE",
    "name" : "name",
    "locationType" : "AIRPORT"
  },
  "type" : "LODGING",
  "maxSelectedItems" : 1
} ],
"token" : "token"
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- */*

Responses

200

Successful [com.w2m.tt00.packages.rest.model.availability.response.BookingOptionalsResponseDTO](#)

400

Request with incorrect parameters [com.w2m.infrastructure.base.rest.model.error.ApiError](#)

401

Unauthorized [com.w2m.tt00.packages.rest.model.availability.response.BookingOptionalsResponseDTO](#)

500

Service not available [com.w2m.infrastructure.base.rest.model.error.ApiError](#)

PackageAvailability

POST /api/v1/availability

Up

(doAvailability)

Package availability

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body

[com.w2m.tt00.packages.rest.model.availability.request.AvailabilityRequestDTO](#)

(required)

Body Parameter –

Return type

[com.w2m.tt00.packages.rest.model.availability.response.AvailabilityResponseDTO](#)

Example data

Content-Type: application/json

```

{
  "alerts" : [ {
    "code" : "code",
    "type" : "INFO",
    "message" : "message"
  }, {
    "code" : "code",
    "type" : "INFO",

```

```

    "message" : "message"
  } ],
  "availabilities" : [ {
    "components" : [ {
      "minSelectedItems" : 0,
      "code" : "code",
      "subtype" : "subtype",
      "name" : "name",
      "start" : "2000-01-23",
      "options" : [ {
        "type" : "type",
        "status" : "ERROR"
      }, {
        "type" : "type",
        "status" : "ERROR"
      } ],
      "end" : "2000-01-23",
      "from" : {
        "code" : "code",
        "locationUseType" : "DEPARTURE",
        "name" : "name",
        "locationType" : "AIRPORT"
      },
      "type" : "LODGING",
      "maxSelectedItems" : 1
    }, {
      "minSelectedItems" : 0,
      "code" : "code",
      "subtype" : "subtype",
      "name" : "name",
      "start" : "2000-01-23",
      "options" : [ {
        "type" : "type",
        "status" : "ERROR"
      }, {
        "type" : "type",
        "status" : "ERROR"
      } ],
      "end" : "2000-01-23",
      "from" : {
        "code" : "code",
        "locationUseType" : "DEPARTURE",
        "name" : "name",
        "locationType" : "AIRPORT"
      },
      "type" : "LODGING",
      "maxSelectedItems" : 1
    } ],
    "productCode" : "productCode",
    "start" : "2000-01-23",
    "end" : "2000-01-23",
    "productName" : "productName",
    "remarks" : [ {
      "text" : "text",
      "type" : "type"
    }, {
      "text" : "text",
      "type" : "type"
    } ]
  }, {
    "components" : [ {
      "minSelectedItems" : 0,
      "code" : "code",
      "subtype" : "subtype",
      "name" : "name",
      "start" : "2000-01-23",
      "options" : [ {
        "type" : "type",
        "status" : "ERROR"
      }, {

```

```

    "type" : "type",
    "status" : "ERROR"
  } ],
  "end" : "2000-01-23",
  "from" : {
    "code" : "code",
    "locationUseType" : "DEPARTURE",
    "name" : "name",
    "locationType" : "AIRPORT"
  },
  "type" : "LODGING",
  "maxSelectedItems" : 1
}, {
  "minSelectedItems" : 0,
  "code" : "code",
  "subtype" : "subtype",
  "name" : "name",
  "start" : "2000-01-23",
  "options" : [ {
    "type" : "type",
    "status" : "ERROR"
  } ], {
    "type" : "type",
    "status" : "ERROR"
  } ],
  "end" : "2000-01-23",
  "from" : {
    "code" : "code",
    "locationUseType" : "DEPARTURE",
    "name" : "name",
    "locationType" : "AIRPORT"
  },
  "type" : "LODGING",
  "maxSelectedItems" : 1
} ],
"productCode" : "productCode",
"start" : "2000-01-23",
"end" : "2000-01-23",
"productName" : "productName",
"remarks" : [ {
  "text" : "text",
  "type" : "type"
}, {
  "text" : "text",
  "type" : "type"
} ]
} ],
"tokenTtl" : 3,
"rates" : [ {
  "productCode" : "productCode",
  "baseRates" : [ {
    "ruleOperator" : "AND",
    "amount" : 1.4658129805029452,
    "series" : "series",
    "priceBreakdown" : {
      "concepts" : [ {
        "amount" : 7.061401241503109,
        "passengerType" : "ADULT",
        "quantity" : 2,
        "description" : "description",
        "order" : 5,
        "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
      }, {
        "amount" : 7.061401241503109,
        "passengerType" : "ADULT",
        "quantity" : 2,
        "description" : "description",
        "order" : 5,
        "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
      } ]
    }
  } ]
} ],

```

```

    "type" : "PRICE_PER_PASSENGER"
  },
  "currency" : {
    "code" : "EUR",
    "name" : "Euro"
  },
  "details" : {
    "netAmount" : 5.962133916683182,
    "type" : "type"
  },
  "rules" : [ {
    "type" : "type",
    "value" : "value"
  }, {
    "type" : "type",
    "value" : "value"
  } ],
  "type" : "INCLUDED",
  "token" : "token"
}, {
  "ruleOperator" : "AND",
  "amount" : 1.4658129805029452,
  "series" : "series",
  "priceBreakdown" : {
    "concepts" : [ {
      "amount" : 7.061401241503109,
      "passengerType" : "ADULT",
      "quantity" : 2,
      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    }, {
      "amount" : 7.061401241503109,
      "passengerType" : "ADULT",
      "quantity" : 2,
      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    } ],
    "type" : "PRICE_PER_PASSENGER"
  },
  "currency" : {
    "code" : "EUR",
    "name" : "Euro"
  },
  "details" : {
    "netAmount" : 5.962133916683182,
    "type" : "type"
  },
  "rules" : [ {
    "type" : "type",
    "value" : "value"
  }, {
    "type" : "type",
    "value" : "value"
  } ],
  "type" : "INCLUDED",
  "token" : "token"
} ]
}, {
  "productCode" : "productCode",
  "baseRates" : [ {
    "ruleOperator" : "AND",
    "amount" : 1.4658129805029452,
    "series" : "series",
    "priceBreakdown" : {
      "concepts" : [ {
        "amount" : 7.061401241503109,
        "passengerType" : "ADULT",
        "quantity" : 2,

```

```

      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    }, {
      "amount" : 7.061401241503109,
      "passengerType" : "ADULT",
      "quantity" : 2,
      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    } ],
    "type" : "PRICE_PER_PASSENGER"
  },
  "currency" : {
    "code" : "EUR",
    "name" : "Euro"
  },
  "details" : {
    "netAmount" : 5.962133916683182,
    "type" : "type"
  },
  "rules" : [ {
    "type" : "type",
    "value" : "value"
  }, {
    "type" : "type",
    "value" : "value"
  } ],
  "type" : "INCLUDED",
  "token" : "token"
}, {
  "ruleOperator" : "AND",
  "amount" : 1.4658129805029452,
  "series" : "series",
  "priceBreakdown" : {
    "concepts" : [ {
      "amount" : 7.061401241503109,
      "passengerType" : "ADULT",
      "quantity" : 2,
      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    }, {
      "amount" : 7.061401241503109,
      "passengerType" : "ADULT",
      "quantity" : 2,
      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    } ],
    "type" : "PRICE_PER_PASSENGER"
  },
  "currency" : {
    "code" : "EUR",
    "name" : "Euro"
  },
  "details" : {
    "netAmount" : 5.962133916683182,
    "type" : "type"
  },
  "rules" : [ {
    "type" : "type",
    "value" : "value"
  }, {
    "type" : "type",
    "value" : "value"
  } ],
  "type" : "INCLUDED",
  "token" : "token"
} ]

```

```

} ],
"details" : [ {
  "code" : "code",
  "name" : "name",
  "details" : "details",
  "type" : "type",
  "remarks" : [ null, null ]
}, {
  "code" : "code",
  "name" : "name",
  "details" : "details",
  "type" : "type",
  "remarks" : [ null, null ]
} ],
"distributions" : [ {
  "passengers" : [ {
    "code" : "code",
    "gender" : "MALE",
    "extraData" : [ {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    } ],
    "code" : "DOCUMENT_TYPE",
    "value" : "PASSPORT"
  } ],
  "surname" : "surname",
  "name" : "name",
  "holder" : true,
  "dateOfBirth" : "2000-01-23",
  "age" : 9
}, {
  "code" : "code",
  "gender" : "MALE",
  "extraData" : [ {
    "code" : "DOCUMENT_TYPE",
    "value" : "PASSPORT"
  } ],
  "code" : "DOCUMENT_TYPE",
  "value" : "PASSPORT"
} ],
  "surname" : "surname",
  "name" : "name",
  "holder" : true,
  "dateOfBirth" : "2000-01-23",
  "age" : 9
} ],
"code" : "code"
}, {
  "passengers" : [ {
    "code" : "code",
    "gender" : "MALE",
    "extraData" : [ {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    } ],
    "code" : "DOCUMENT_TYPE",
    "value" : "PASSPORT"
  } ],
  "surname" : "surname",
  "name" : "name",
  "holder" : true,
  "dateOfBirth" : "2000-01-23",
  "age" : 9
}, {
  "code" : "code",
  "gender" : "MALE",
  "extraData" : [ {
    "code" : "DOCUMENT_TYPE",
    "value" : "PASSPORT"
  } ],
  "code" : "DOCUMENT_TYPE",
  "value" : "PASSPORT"
} ],

```

```

    "code" : "DOCUMENT_TYPE",
    "value" : "PASSPORT"
  } ],
  "surname" : "surname",
  "name" : "name",
  "holder" : true,
  "dateOfBirth" : "2000-01-23",
  "age" : 9
} ],
"code" : "code"
} ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

Successful [com.w2m.tt00.packages.rest.model.availability.response.AvailabilityResponseDTO](#)

400

Request with incorrect parameters [com.w2m.infrastructure.base.rest.model.error.ApiError](#)

401

Unauthorized [com.w2m.tt00.packages.rest.model.availability.response.AvailabilityResponseDTO](#)

500

Service not available [com.w2m.infrastructure.base.rest.model.error.ApiError](#)

POST /api/v1/availability/cache

Up

(doCacheAvailability)

Cache availability: only for show data, it cannot be used for prebooking

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body

[com.w2m.tt00.packages.rest.model.availability.request.AvailabilityRequestDTO](#)

(required)

Body Parameter –

Return type

[com.w2m.tt00.packages.rest.model.availability.response.AvailabilityResponseDTO](#)

Example data

Content-Type: application/json

```

{
  "alerts" : [ {
    "code" : "code",
    "type" : "INFO",
    "message" : "message"
  }, {
    "code" : "code",
    "type" : "INFO",
    "message" : "message"
  } ],
  "availabilities" : [ {
    "components" : [ {
      "minSelectedItems" : 0,
      "code" : "code",
      "subtype" : "subtype",
      "name" : "name",
      "start" : "2000-01-23",
      "options" : [ {

```

```

        "type" : "type",
        "status" : "ERROR"
    }, {
        "type" : "type",
        "status" : "ERROR"
    } ],
    "end" : "2000-01-23",
    "from" : {
        "code" : "code",
        "locationUseType" : "DEPARTURE",
        "name" : "name",
        "locationType" : "AIRPORT"
    },
    "type" : "LODGING",
    "maxSelectedItems" : 1
}, {
    "minSelectedItems" : 0,
    "code" : "code",
    "subtype" : "subtype",
    "name" : "name",
    "start" : "2000-01-23",
    "options" : [ {
        "type" : "type",
        "status" : "ERROR"
    }, {
        "type" : "type",
        "status" : "ERROR"
    } ],
    "end" : "2000-01-23",
    "from" : {
        "code" : "code",
        "locationUseType" : "DEPARTURE",
        "name" : "name",
        "locationType" : "AIRPORT"
    },
    "type" : "LODGING",
    "maxSelectedItems" : 1
} ],
"productCode" : "productCode",
"start" : "2000-01-23",
"end" : "2000-01-23",
"productName" : "productName",
"remarks" : [ {
    "text" : "text",
    "type" : "type"
}, {
    "text" : "text",
    "type" : "type"
} ]
}, {
    "components" : [ {
        "minSelectedItems" : 0,
        "code" : "code",
        "subtype" : "subtype",
        "name" : "name",
        "start" : "2000-01-23",
        "options" : [ {
            "type" : "type",
            "status" : "ERROR"
        }, {
            "type" : "type",
            "status" : "ERROR"
        } ],
        "end" : "2000-01-23",
        "from" : {
            "code" : "code",
            "locationUseType" : "DEPARTURE",
            "name" : "name",
            "locationType" : "AIRPORT"
        },
    },

```

```

    "type" : "LODGING",
    "maxSelectedItems" : 1
  }, {
    "minSelectedItems" : 0,
    "code" : "code",
    "subtype" : "subtype",
    "name" : "name",
    "start" : "2000-01-23",
    "options" : [ {
      "type" : "type",
      "status" : "ERROR"
    }, {
      "type" : "type",
      "status" : "ERROR"
    } ],
    "end" : "2000-01-23",
    "from" : {
      "code" : "code",
      "locationUseType" : "DEPARTURE",
      "name" : "name",
      "locationType" : "AIRPORT"
    },
    "type" : "LODGING",
    "maxSelectedItems" : 1
  } ],
  "productCode" : "productCode",
  "start" : "2000-01-23",
  "end" : "2000-01-23",
  "productName" : "productName",
  "remarks" : [ {
    "text" : "text",
    "type" : "type"
  }, {
    "text" : "text",
    "type" : "type"
  } ]
} ],
"tokenTtl" : 3,
"rates" : [ {
  "productCode" : "productCode",
  "baseRates" : [ {
    "ruleOperator" : "AND",
    "amount" : 1.4658129805029452,
    "series" : "series",
    "priceBreakdown" : {
      "concepts" : [ {
        "amount" : 7.061401241503109,
        "passengerType" : "ADULT",
        "quantity" : 2,
        "description" : "description",
        "order" : 5,
        "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
      }, {
        "amount" : 7.061401241503109,
        "passengerType" : "ADULT",
        "quantity" : 2,
        "description" : "description",
        "order" : 5,
        "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
      } ],
      "type" : "PRICE_PER_PASSENGER"
    },
    "currency" : {
      "code" : "EUR",
      "name" : "Euro"
    },
    "details" : {
      "netAmount" : 5.962133916683182,
      "type" : "type"
    }
  },

```

```

"rules" : [ {
  "type" : "type",
  "value" : "value"
}, {
  "type" : "type",
  "value" : "value"
} ],
"type" : "INCLUDED",
"token" : "token"
}, {
  "ruleOperator" : "AND",
  "amount" : 1.4658129805029452,
  "series" : "series",
  "priceBreakdown" : {
    "concepts" : [ {
      "amount" : 7.061401241503109,
      "passengerType" : "ADULT",
      "quantity" : 2,
      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    }, {
      "amount" : 7.061401241503109,
      "passengerType" : "ADULT",
      "quantity" : 2,
      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    } ],
    "type" : "PRICE_PER_PASSENGER"
  },
  "currency" : {
    "code" : "EUR",
    "name" : "Euro"
  },
  "details" : {
    "netAmount" : 5.962133916683182,
    "type" : "type"
  },
  "rules" : [ {
    "type" : "type",
    "value" : "value"
  }, {
    "type" : "type",
    "value" : "value"
  } ],
  "type" : "INCLUDED",
  "token" : "token"
} ]
}, {
  "productCode" : "productCode",
  "baseRates" : [ {
    "ruleOperator" : "AND",
    "amount" : 1.4658129805029452,
    "series" : "series",
    "priceBreakdown" : {
      "concepts" : [ {
        "amount" : 7.061401241503109,
        "passengerType" : "ADULT",
        "quantity" : 2,
        "description" : "description",
        "order" : 5,
        "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
      }, {
        "amount" : 7.061401241503109,
        "passengerType" : "ADULT",
        "quantity" : 2,
        "description" : "description",
        "order" : 5,
        "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
      } ]
    }
  ]
} ]

```

```

    } ],
    "type" : "PRICE_PER_PASSENGER"
  },
  "currency" : {
    "code" : "EUR",
    "name" : "Euro"
  },
  "details" : {
    "netAmount" : 5.962133916683182,
    "type" : "type"
  },
  "rules" : [ {
    "type" : "type",
    "value" : "value"
  }, {
    "type" : "type",
    "value" : "value"
  } ],
  "type" : "INCLUDED",
  "token" : "token"
}, {
  "ruleOperator" : "AND",
  "amount" : 1.4658129805029452,
  "series" : "series",
  "priceBreakdown" : {
    "concepts" : [ {
      "amount" : 7.061401241503109,
      "passengerType" : "ADULT",
      "quantity" : 2,
      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    }, {
      "amount" : 7.061401241503109,
      "passengerType" : "ADULT",
      "quantity" : 2,
      "description" : "description",
      "order" : 5,
      "passengerCodes" : [ "passengerCodes", "passengerCodes" ]
    } ],
    "type" : "PRICE_PER_PASSENGER"
  },
  "currency" : {
    "code" : "EUR",
    "name" : "Euro"
  },
  "details" : {
    "netAmount" : 5.962133916683182,
    "type" : "type"
  },
  "rules" : [ {
    "type" : "type",
    "value" : "value"
  }, {
    "type" : "type",
    "value" : "value"
  } ],
  "type" : "INCLUDED",
  "token" : "token"
} ]
} ],
"details" : [ {
  "code" : "code",
  "name" : "name",
  "details" : "details",
  "type" : "type",
  "remarks" : [ null, null ]
}, {
  "code" : "code",
  "name" : "name",

```

```

"details" : "details",
"type" : "type",
"remarks" : [ null, null ]
} ],
"distributions" : [ {
  "passengers" : [ {
    "code" : "code",
    "gender" : "MALE",
    "extraData" : [ {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    }, {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    } ],
    "surname" : "surname",
    "name" : "name",
    "holder" : true,
    "dateOfBirth" : "2000-01-23",
    "age" : 9
  }, {
    "code" : "code",
    "gender" : "MALE",
    "extraData" : [ {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    }, {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    } ],
    "surname" : "surname",
    "name" : "name",
    "holder" : true,
    "dateOfBirth" : "2000-01-23",
    "age" : 9
  } ],
  "code" : "code"
}, {
  "passengers" : [ {
    "code" : "code",
    "gender" : "MALE",
    "extraData" : [ {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    }, {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    } ],
    "surname" : "surname",
    "name" : "name",
    "holder" : true,
    "dateOfBirth" : "2000-01-23",
    "age" : 9
  }, {
    "code" : "code",
    "gender" : "MALE",
    "extraData" : [ {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    }, {
      "code" : "DOCUMENT_TYPE",
      "value" : "PASSPORT"
    } ],
    "surname" : "surname",
    "name" : "name",
    "holder" : true,
    "dateOfBirth" : "2000-01-23",
    "age" : 9
  } ],
  "code" : "code"
} ],
"code" : "code"

```

```
} ]  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- */*

Responses

200

Successful [com.w2m.ttoo.packages.rest.model.availability.response.AvailabilityResponseDTO](#)

400

Request with incorrect parameters [com.w2m.infrastructure.base.rest.model.error.ApiError](#)

401

Unauthorized [com.w2m.ttoo.packages.rest.model.availability.response.AvailabilityResponseDTO](#)

500

Service not available [com.w2m.infrastructure.base.rest.model.error.ApiError](#)

Models

[[Jump to Methods](#)]

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com.w2m.infrastructure.base.rest.model.error.ApiConstraintError

[Up](#)

item (optional)

String

message (optional)

String

com.w2m.infrastructure.base.rest.model.error.ApiError

[Up](#)

id (optional)

String

code (optional)

String

status (optional)

Integer format: int32

message (optional)

String

path (optional)

String

timestamp (optional)

Date format: date-time

constraintErrors (optional)

array[com.w2m.infrastructure.base.rest.model.error.ApiConstraintError]

com.w2m.ttoo.packages.rest.model.availability.component.ComponentDTO

[Up](#)

Product components

code

String Component code

type

String Component type

Enum:

LODGING

FLIGHT

SERVICE

BAGGAGE

SUBPACKAGE

OPTIONAL

subtype

String Subtype

name

String Component name

minSelectedItems

Integer Minimum selectable options. 0: optional selection; any other value: mandatory selection
format: int32

maxSelectedItems (optional)

Integer Maximum selectable options. If not informed: select any option number format: int32

start

date Component start date format: date

end

date Component end date format: date

from (optional)

[com.w2m.ttoo.packages.rest.model.common.location.LocationDTO](#)

to (optional)

[com.w2m.ttoo.packages.rest.model.common.location.LocationDTO](#)

options

[array\[com.w2m.ttoo.packages.rest.model.availability.option.OptionDTO\]](#) Product booking options

com.w2m.ttoo.packages.rest.model.availability.details.BaggageDetailDTO

Up

quantity

[Integer](#) Number of bags allowed format: int32

baggageType

[String](#) Baggage type

Enum:

CHECKED

CARRY_ON

weightDetails (optional)

[com.w2m.ttoo.packages.rest.model.common.baggage.BaggageWeightDTO](#)

details

[String](#) Details id

code (optional)

[String](#) Code

name (optional)

[String](#) Name

remarks (optional)

[array\[com.w2m.ttoo.packages.rest.model.common.remarks.RemarkDTO\]](#) Detail remarks

type

[String](#)

com.w2m.ttoo.packages.rest.model.availability.details.DetailDTO

Up

Product details

details

[String](#) Details id

code (optional)

[String](#) Code

name (optional)

[String](#) Name

remarks (optional)

[array\[com.w2m.ttoo.packages.rest.model.common.remarks.RemarkDTO\]](#) Detail remarks

type

[String](#)

com.w2m.ttoo.packages.rest.model.availability.details.FlightSegmentDetailDTO

Up

departure

[com.w2m.ttoo.packages.rest.model.common.location.LocationTimeDTO](#)

arrival

[com.w2m.ttoo.packages.rest.model.common.location.LocationTimeDTO](#)

marketingCompany (optional)

[String](#) Marketing company

operatingCompany (optional)

[String](#) Operating company

number (optional)

[String](#) Transport number

cabinType (optional)

[com.w2m.ttoo.packages.rest.model.common.cabin.CabinDTO](#)

details

[String](#) Details id

code (optional)

String Code

name (optional)

String Name

remarks (optional)

array[com.w2m.ttoo.packages.rest.model.common.remarks.RemarkDTO] Detail remarks

type

String

com.w2m.ttoo.packages.rest.model.availability.details.LodgingDetailDTO

[Up](#)

lodgingType

String Lodging type

Enum:

HOTEL

RURAL_TOURISM

HOSTAL

CABIN

APARTHOTEL

APARTMENT

CAMPING

TOUR

OTHER

category (optional)

String Lodging category

example: 5

image (optional)

String Url product image

address (optional)

com.w2m.ttoo.packages.rest.model.common.location.AddressDTO

contentReferenceCode (optional)

String Content reference code

example: A

scoring (optional)

String Scoring

details

String Details id

code (optional)

String Code

name (optional)

String Name

remarks (optional)

array[com.w2m.ttoo.packages.rest.model.common.remarks.RemarkDTO] Detail remarks

type

String

com.w2m.ttoo.packages.rest.model.availability.details.ServiceDetailDTO

[Up](#)

subtype

String Subtype

image (optional)

String Service image

description (optional)

String Service description

details

String Details id

code (optional)

String Code

name (optional)

String Name

remarks (optional)

array[com.w2m.ttoo.packages.rest.model.common.remarks.RemarkDTO] Detail remarks

type

String

com.w2m.ttoo.packages.rest.model.availability.option.FlightOptionDTO

Up

segments

array[com.w2m.ttoo.packages.rest.model.availability.product.SegmentDTO] flight segments

baggage (optional)

array[com.w2m.ttoo.packages.rest.model.availability.product.BaggageDTO] Baggage

prices

array[com.w2m.ttoo.packages.rest.model.common.price.PriceDTO] Prices

timeLimit (optional)

com.w2m.ttoo.packages.rest.model.common.TimeLimitDTO

status

String Option status

Enum:

ERROR

CANCELLED

RQ

OK

type

String

com.w2m.ttoo.packages.rest.model.availability.option.LodgingOptionDTO

Up

details (optional)

String Details id

code

String Lodging code

name

String Lodging name

rooms

array[com.w2m.ttoo.packages.rest.model.availability.product.RoomDTO] Rooms included

meals

array[com.w2m.ttoo.packages.rest.model.common.meal.MealDTO] Meals options

refundable

Boolean Refundable option

status

String Option status

Enum:

ERROR

CANCELLED

RQ

OK

type

String

com.w2m.ttoo.packages.rest.model.availability.option.OptionDTO

Up

Product booking options

status

String Option status

Enum:

ERROR

CANCELLED

RQ

OK

type

String

`com.w2m.ttoo.packages.rest.model.availability.option.OptionalOptionDTO`

[Up](#)

code (optional)

String Service code

name (optional)

String Service name

description (optional)

String Service description

image (optional)

String Service image Url

allowPartialBooking (optional)

Boolean Partial booking flag

configurations (optional)

array[com.w2m.ttoo.packages.rest.model.common.configuration.ConfigurationDTO] Configurations

restrictions (optional)

array[com.w2m.ttoo.packages.rest.model.common.restriction.RestrictionDTO] Restriction rules

prices

array[com.w2m.ttoo.packages.rest.model.common.price.PriceDTO] Prices

status

String Option status

Enum:

ERROR

CANCELLED

RQ

OK

type

String

`com.w2m.ttoo.packages.rest.model.availability.option.ServiceOptionDTO`

[Up](#)

details

String Details id

code (optional)

String Service code

name (optional)

String Service name

operativeDates

array[date] Operative dates format: date

prices

array[com.w2m.ttoo.packages.rest.model.common.price.PriceDTO] Prices

status

String Option status

Enum:

ERROR

CANCELLED

RQ

OK

type

String

`com.w2m.ttoo.packages.rest.model.availability.product.BaggageDTO`

[Up](#)

Baggage

details

String Details id

included

Boolean Baggage is included

`com.w2m.ttoo.packages.rest.model.availability.product.RoomDTO`

[Up](#)

Rooms included

code (optional)
String Room code

name
String Room name

distribution
String Distribution

`com.w2m.ttoo.packages.rest.model.availability.product.SegmentDTO`

[Up](#)

flight segments

details
String Details id

code
String Segment code

flightClass
String Details id

`com.w2m.ttoo.packages.rest.model.availability.request.AvailabilityRequestDTO`

[Up](#)

transactionId
String Search parameters

start
date Start date of package search format: date

productParameters
array[com.w2m.ttoo.packages.rest.model.availability.request.parameters.ProductRequestParametersDTO]
Search parameters

locations
array[com.w2m.ttoo.packages.rest.model.common.location.LocationDTO] Location parameters

distributions
array[com.w2m.ttoo.packages.rest.model.common.distribution.DistributionDTO] Distributions

nights
array[com.w2m.ttoo.packages.rest.model.availability.request.parameters.NightRequestDTO] Nights

flags (optional)
com.w2m.ttoo.packages.rest.model.availability.request.filter.AvailabilityRequestConfigurationDTO

brand
String Brand code

currencyCode (optional)
String Currency code. Must be a ISO 4217 code composed by three characters. If product does not have configured that currency, error will be throw
example: USD

language (optional)
String language: two letters for locale (ISO 639-1) + '_' + two letters for country (ISO 3166-1)
example: es_ES

extensions (optional)
array[com.w2m.ttoo.packages.rest.model.availability.request.parameters.ExtensionRequestDTO]
Extensions - if a product has extensions, these will be provided in the product download API

`com.w2m.ttoo.packages.rest.model.availability.request.filter.AvailabilityRequestConfigurationDTO`

[Up](#)

Request configuration

skipLodgingDetails (optional)
Boolean Skip lodging details in availability response

lodgingFilter (optional)
com.w2m.ttoo.packages.rest.model.availability.request.filter.AvailabilityRequestLodgingFilterDTO

`com.w2m.ttoo.packages.rest.model.availability.request.filter.AvailabilityRequestLodgingFilterDTO`

Filter lodgings in response	Up
code (optional) <u>String</u> Filter by lodging code	
com.w2m.ttoo.packages.rest.model.availability.request.parameters.ExtensionRequestDTO	Up
Extensions - if a product has extensions, these will be provided in the product download API	
id <u>String</u> Extension id - this ID is obtained from the product download API <i>example: 3678</i>	
nights <u>array[com.w2m.ttoo.packages.rest.model.availability.request.parameters.NightRequestDTO]</u> Nights	
com.w2m.ttoo.packages.rest.model.availability.request.parameters.NightRequestDTO	Up
Nights	
reference (optional) <u>String</u> Night reference - this code is obtained from the product download API. It is mandatory when a product has more than one night (e.g. combined). However, it is always recommended to report it <i>example: 3157</i>	
numberOfNights <u>Integer</u> Number of nights for 'reference' night format: int32	
com.w2m.ttoo.packages.rest.model.availability.request.parameters.ProductRequestParametersDTO	Up
Search parameters	
productId <u>String</u> Package id	
com.w2m.ttoo.packages.rest.model.availability.response.AvailabilityResponseDTO	Up
availabilities (optional) <u>array[com.w2m.ttoo.packages.rest.model.availability.response.element.AvailabilityDTO]</u> Package responses	
rates (optional) <u>array[com.w2m.ttoo.packages.rest.model.common.price.RateDTO]</u> Rates of packages	
details (optional) <u>array[com.w2m.ttoo.packages.rest.model.availability.details.DetailDTO]</u> Product details	
distributions (optional) <u>array[com.w2m.ttoo.packages.rest.model.common.distribution.DistributionDTO]</u> Distributions	
tokenTtl (optional) <u>Integer</u> Cache TTL in seconds format: int32	
alerts (optional) <u>array[com.w2m.ttoo.packages.rest.model.common.alert.AlertDTO]</u> Info or warning messages	
com.w2m.ttoo.packages.rest.model.availability.response.BookingOptionalsResponseDTO	Up
token (optional) <u>String</u> Mandatory for prebooking	
optionals (optional) <u>array[com.w2m.ttoo.packages.rest.model.availability.component.ComponentDTO]</u> Product Optionals	
currency <u>com.w2m.ttoo.packages.rest.model.common.currency.CurrencyDTO</u>	
passengers <u>array[com.w2m.ttoo.packages.rest.model.common.passenger.PassengerDTO]</u> Passengers distribution	
com.w2m.ttoo.packages.rest.model.availability.response.element.AvailabilityDTO	Up
Package responses	

productCode

String Product code

productName (optional)

String Product name

start

date Start date format: date

end

date End date format: date

remarks (optional)

array[com.w2m.ttoo.packages.rest.model.common.remarks.RemarkDTO] Products remarks

components

array[com.w2m.ttoo.packages.rest.model.availability.component.ComponentDTO] Product components

com.w2m.ttoo.packages.rest.model.common.TimeLimitDTO

[Up](#)

Flight time limit info

lastTicketDate (optional)

date Emit date limit format: date

com.w2m.ttoo.packages.rest.model.common.alert.AlertDTO

[Up](#)

Info or warning messages

type (optional)

String Alert type

Enum:

INFO

WARNING

code (optional)

String Alert code

message

String Message

com.w2m.ttoo.packages.rest.model.common.baggage.BaggageWeightDTO

[Up](#)

Weight details

maxWeightPerBag

Float Maximum weight for all bags format: float

maxWeightForAllBags (optional)

Float Maximum weight for all bags format: float

unit

String Weight unit

Enum:

KG

LB

com.w2m.ttoo.packages.rest.model.common.cabin.CabinDTO

[Up](#)

Cabin type

type

String Type

Enum:

BUSINESS

ECONOMY

FIRST_CLASS

PREMIUM_ECONOMY

example: *BUSINESS*

com.w2m.ttoo.packages.rest.model.common.configuration.ConfigurationDTO

[Up](#)

Configurations

type
String

com.w2m.ttoo.packages.rest.model.common.configuration.DateTimeTableConfigurationDTO

[Up](#)

dates (optional)
array[date] List of dates format: date

times (optional)
array[java.time.LocalTime] List of times (valid for any date)

type
String

com.w2m.ttoo.packages.rest.model.common.currency.CurrencyDTO

[Up](#)

Currency

code
String ISO-4217 code
example: EUR

name (optional)
String Currency name
example: Euro

com.w2m.ttoo.packages.rest.model.common.data.DataDTO

[Up](#)

Passenger extra data

code
String All prebooking response requirement codes that do not have a dedicated field in the booking request (e.g. other than 'GENDER', 'NAME', 'SURNAME', 'DATEOFBIRTH') must be used to complete this field
example: DOCUMENT_TYPE

value
String Value associated to the code data
example: PASSPORT

com.w2m.ttoo.packages.rest.model.common.distribution.DistributionDTO

[Up](#)

Distributions

code
String Distribution code

passengers
array[com.w2m.ttoo.packages.rest.model.common.passenger.PassengerDTO] Passengers distribution

com.w2m.ttoo.packages.rest.model.common.location.AddressDTO

[Up](#)

Product address

use (optional)
String Use of address
Enum:
LOCATION

country (optional)
String Country

zone (optional)
String Zone

gpsLatitude (optional)
String Latitude

gpsLongitude (optional)
String Longitude

address (optional)
String Address

postalCode (optional)

String Postal code

`com.w2m.ttoo.packages.rest.model.common.location.LocationDTO`

[Up](#)

Location parameters

code

String Location use in package

locationType

String Location type

Enum:

AIRPORT

LODGING

POINT

locationUseType (optional)

String Location use in package

Enum:

DEPARTURE

ARRIVAL

name (optional)

String Location name

`com.w2m.ttoo.packages.rest.model.common.location.LocationTimeDTO`

[Up](#)

Arrival details

location

com.w2m.ttoo.packages.rest.model.common.location.LocationDTO

time

Date Date and time format: date-time

details

String Details

example: Departure from T4

`com.w2m.ttoo.packages.rest.model.common.meal.MealDTO`

[Up](#)

Meals options

code

String Meal code

name (optional)

String Meal description

prices

array[com.w2m.ttoo.packages.rest.model.common.price.PriceDTO] Product prices

`com.w2m.ttoo.packages.rest.model.common.passenger.PassengerDTO`

[Up](#)

Passengers distribution

holder (optional)

Boolean Booking holder

code

String Passenger code

age (optional)

Integer Passenger age - (this field is mandatory for availability service) format: int32

gender (optional)

String Passenger gender

Enum:

MALE

FEMALE

name (optional)

String Passenger name

surname (optional)

String Passenger surname

dateOfBirth (optional)

date Passenger date of birth format: date

extraData (optional)

array[com.w2m.ttoo.packages.rest.model.common.data.DataDTO] Passenger extra data

com.w2m.ttoo.packages.rest.model.common.price.ConceptDTO

[Up](#)

Concepts

order (optional)

Integer Order format: int32

passengerType (optional)

String Passenger type

Enum:

ADULT

CHILD

BABY

description (optional)

String Description

quantity (optional)

Integer Quantity format: int32

passengerCodes (optional)

array[String] Passenger codes

amount (optional)

BigDecimal Amount

com.w2m.ttoo.packages.rest.model.common.price.PriceBreakdownDTO

[Up](#)

Price breakdown

type

String Price type

Enum:

PRICE_PER_PASSENGER

concepts (optional)

array[com.w2m.ttoo.packages.rest.model.common.price.ConceptDTO] Concepts

com.w2m.ttoo.packages.rest.model.common.price.PriceCommissionableDetailsDTO

[Up](#)

commissionablePrice (optional)

BigDecimal Commissionable price

nonCommissionablePrice (optional)

BigDecimal Non-commissionable price

commissionAmount (optional)

BigDecimal Commission amount

commissionTaxesAmount (optional)

BigDecimal Commission Taxes Amount

commissionTaxesIncluded (optional)

Boolean Commission Taxes Included

netAmount (optional)

BigDecimal Net Amount

type

String

com.w2m.ttoo.packages.rest.model.common.price.PriceDTO

[Up](#)

Base rate

type

String Price type

Enum:

INCLUDED

INCREMENT

ABSOLUTE

PERCENTAGE

series (optional)

String Series

amount (optional)

BigDecimal Amount to obtain the final price

currency (optional)

com.w2m.ttoo.packages.rest.model.common.currency.CurrencyDTO

details (optional)

com.w2m.ttoo.packages.rest.model.common.price.PriceDetailsDTO

priceBreakdown (optional)

com.w2m.ttoo.packages.rest.model.common.price.PriceBreakdownDTO

rules (optional)

array[com.w2m.ttoo.packages.rest.model.common.rules.RuleDTO] Combination rules

ruleOperator (optional)

String Defines how the combination rules behave. In the case of AND it means that all rules have to be fulfilled. In case of OR only one of them. This field will be informed as long as the rules field has more than one element.

Enum:

AND

OR

token (optional)

String Mandatory for (pre)booking (e.g not reported for calendars)

`com.w2m.ttoo.packages.rest.model.common.price.PriceDetailsDTO`

[Up](#)

Price details

netAmount (optional)

BigDecimal Net Amount

type

String

`com.w2m.ttoo.packages.rest.model.common.price.PriceNetDetailsDTO`

[Up](#)

grossAmount (optional)

BigDecimal Gross price

grossAmountApplyDiscount (optional)

BigDecimal Gross amount apply discount price

grossAmountNotApplyDiscount (optional)

BigDecimal Gross amount not apply discount price

discountAmount (optional)

BigDecimal Discount amount

netAmount (optional)

BigDecimal Net Amount

type

String

`com.w2m.ttoo.packages.rest.model.common.price.PriceWithDiscountDetailsDTO`

[Up](#)

grossAmount (optional)

BigDecimal Gross price

grossAmountApplyDiscount (optional)

BigDecimal Gross amount apply discount price

grossAmountNotApplyDiscount (optional)

BigDecimal Gross amount not apply discount price

discountAmount (optional)

BigDecimal Discount amount

netAmount (optional)

BigDecimal Net Amount

type

String

`com.w2m.ttoo.packages.rest.model.common.price.RateDTO`

[Up](#)

Rates of packages

productCode

String Package code

baseRates

array[com.w2m.ttoo.packages.rest.model.common.price.PriceDTO] Base rate

`com.w2m.ttoo.packages.rest.model.common.remarks.RemarkDTO`

[Up](#)

Detail remarks

type (optional)

String Remark type

text

String Remark content

`com.w2m.ttoo.packages.rest.model.common.restriction.AgeRestrictionDTO`

[Up](#)

unit (optional)

String Unit

Enum:

DAY

MONTH

YEAR

min (optional)

Integer Minimum age (no restriction if not informed) format: int32

max (optional)

Integer Maximum age (no restriction if not informed) format: int32

type

String

`com.w2m.ttoo.packages.rest.model.common.restriction.RestrictionDTO`

[Up](#)

Restriction rules

type

String

`com.w2m.ttoo.packages.rest.model.common.rules.ComponentTypeRuleDTO`

[Up](#)

this rule must be complied with in all components of the type 'componentType' and must have the same rule value 'value'

componentType

String Product type of relation-component

Enum:

LODGING

FLIGHT

SERVICE

BAGGAGE

SUBPACKAGE

OPTIONAL

componentCodes (optional)

array[String] Its a second optional condition (only if reported) : the rule applies only to the specified component codes (sublist of componentType)

value

String

type

String

`com.w2m.ttoo.packages.rest.model.common.rules.RuleDTO`

[Up](#)

Combination rules

value
String

type
String

java.time.LocalDateTime

[Up](#)

List of times (valid for any date)

hour (optional)
Integer format: int32

minute (optional)
Integer format: int32

second (optional)
Integer format: int32

nano (optional)
Integer format: int32