



# DHL Datagen 1.0 OAS3

DHL Datagen API description

## Hyperledger Invoke

POST /invoke/submitOrder

Parameters

Try it out

No parameters

Request body **required**

application/json

Example Value Schema

```
{
  "orderNumber": "string",
  "orderDate": "string",
  "actionDate": "string",
  "ecomBusinessCode": "string",
  "mode": "string",
  "billTo": "string",
  "shipTo": "string",
  "consigneeAddress": {
    "phone": "string",
    "email": "string",
    "addressLine1": "string",
    "addressLine2": "string",
    "POBox": "string",
    "city": "string",
    "country": "AC"
  },
  "billToAddress": {
    "addressLine1": "string",
    "addressLine2": "string",
    "POBox": "string",
    "city": "string",
    "country": "AC"
  },
}
```

## Responses

Code	Description	Links
201	Submit transaction successful. Error object will be null	No links
Media type		
application/json		
Controls Accept header.		
Example Value Schema		
<pre>{   "error": "string",   "message": {     "response": "string",     "txnId": "string"   } }</pre>		
500	Error encountered during the transaction.	No links

## POST /invoke/updateTransportInfo



## Parameters

Try it out

No parameters

Request body **required**

application/json

## Example Value Schema

```
{
  "orderNumber": "string",
  "shippingParameterId": "string",
  "ecomOrgCode": "string",
  "invoices": [
    {
      "invoiceNumber": "string",
      "shippingParameterID": "string"
    }
  ],
}
```

```
"direction": "string",
"returnRequestNo": "string",
"oldHouseTransportDocNo": "string",
"mode": "string",
"autoInitiateDeclaration": "Y",
"shippingDetail": {
  "shippingAgentBusinessCode": "string",
  "modeOfTransport": "string",
  "carrierNumber": "string",
  "carrierRegistrationNo": "string",
  "dateOfDeparture": "string",
  "dateOfArrival": "string",
  "portOfLoad": "string",
  "portOfDischarge": "string",
```

## Responses

Code	Description	Links
201	Submit transaction successful. Error object will be null	No links

Media type

**application/json**

Controls Accept header.

Example Value Schema

```
{
  "error": "string",
  "message": {
    "response": "string",
    "txnId": "string"
  }
}
```

**POST** /invoke/initiateDeclaration



## Parameters

Try it out

No parameters

Request body **required**

**application/json**

## Example Value Schema

```
{
  "uuid": "string",
  "orderNumber": "string",
  "ecomOrgCode": "string",
  "invoiceNumber": "string",
  "shippingParameterID": "string",
  "direction": "string",
  "returnRequestNo": "string",
  "paymentDetails": [
    {
      "paymentMode": "string",
      "declarationChargesAccount": "string"
    }
  ],
  "tradeType": "string",
  "declarationType": 0,
  "brokerCustomerCode": 0,
  "prevDeclarationReference": "string",
  "prevDeclarationInvoiceNo": "string",
  "prevDeclarationItemLineNo": "string",
  "declarationDocuments": [
    {
      "documentCode": "string",
      "availabilityStatus": "string",

```

## Responses

Code	Description	Links
201	Submit transaction successful. Error object will be null	No links


Media type

application/json

Controls [Accept header](#).

Example Value Schema

```
{
  "error": "string",
  "message": {
    "response": "string",
    "txnId": "string"
  }
}
```

**POST** /invoke/deliverOrder 

**Parameters** Try it out

No parameters

**Responses**

Code	Description	Links
201	Submit transaction successful. Error object will be null	No links

Media type


**application/json**

Controls Accept header.

Example Value

Schema

```
{  "error": "string",  "message": {    "response": "string",    "txnId": "string"  }}
```

**POST** /invoke/confirmReturnDelivery 

**Parameters** Try it out

No parameters

**Responses**

Code	Description	Links
201	Submit transaction successful. Error object will be null	No links

Code	Description	Links
	<p>Media type</p> <div>application/json</div> <p>Controls Accept header.</p> <p>Example Value   Schema</p> <pre>{  "error": "string",  "message": {    "response": "string",    "txnId": "string"  }}</pre>	

POST   /invoke/updateExitConfirmation <span>^</span>		
Parameters		<div>Try it out</div>
No parameters		
Responses		
Code	Description	Links
201	<p>Submit transaction successful. Error object will be null</p> <p>Media type</p> <div>application/json</div> <p>Controls Accept header.</p> <p>Example Value   Schema</p> <pre>{  "error": "string",  "message": {    "response": "string",    "txnId": "string"  }}</pre>	No links
Schemas <span>^</span>		

```
ConsigneeAddressDto {
  phone*      string
  email*      string
  addressLine1* string
  addressLine2* string
  POBox*      string
  city*       string
  country*    string
  Enum:
    Array [ 253 ]
}
```

```
AddressDto {
  addressLine1* string
  addressLine2* string
  POBox*       string
  city*        string
  country*     string
  Enum:
    Array [ 253 ]
}
```

```
DocumentDto {
  hash*      string
  path*      string
  name*      string
}
```

```
ReturnDetailDto {
  returnRequestNo* string
  prevTransportDocNo* string
  returnReason*    string
  Enum:
    Array [ 3 ]
  prevDeclarationReference* string
  declarationPurposeDetails* string
}
```

```
DiscountDto {
  value      number
  percentage number
}
```

```
DutyDto {
  dutyType*      string
  dutyValue*     number
}
```

```
PermitDto {
  referenceNo*      string
  issuingAuthorityCode* string
  Enum:
    Array [ 30 ]
  notRequiredFlag* string
  Enum:
    Array [ 2 ]
}
```

```
ExemptionDto {
  exemptionType*      string
  Enum:
    Array [ 30 ]
  exemptionRefNo*     string
}
```

```
VehicleDto {
  chassisNumber*      string
  brand*              string
  Enum:
    Array [ 529 ]
  model*              string
  engineNumber*       string
  capacity*           number
  passengerCapacity*  number
  carriageCapacity*   number
  yearOfBuilt*        string
  color*              string
  condition*          string
  Enum:
    Array [ 2 ]
  vehicleType*        string
  Enum:
    Array [ 43 ]
  drive*              string
  Enum:
    Array [ 3 ]
  specificationStandard* string
}
```



```
LinItemForSubmitOrderDto {
  shippingParameterId* string
  lineNo* number
  mode* string
  Enum:

    Array [ 5 ]

  quantity* number
  quantityReturned* number
  quantityUOM* string
  Enum:

    Array [ 12 ]

  netWeight* number
  netWeightUOM* string
  Enum:

    Array [ 12 ]

  description* string
  hscore* string
  countryOfOrigin* string
  Enum:

    Array [ 253 ]

  discount* DiscountDto {...}
  dutyPaid* string
  Enum:

    Array [ 2 ]

  duties* [...]
  valueOfGoods* number
  originalValueOfItem* number
  isFreeOfCost* string
  Enum:

    Array [ 2 ]

  goodsCondition* string
  Enum:

    Array [ 2 ]

  returnDays* number
  supplementaryQuantity number
  supplementaryQuantityUOM* string
  Enum:

    Array [ 12 ]

  prevDeclarationReference* string
  permits* [...]
  exemptions* [...]
  documents* [...]
  vehicle* VehicleDto {...}
}
```

```
InvoiceForSubmitOrderDto {
  invoiceNumber*      string
  invoiceDate*        string
  mode*               string
                      Enum:

                      Array [ 5 ]
  cancellationReason* string
  totalNoOfInvoicePages* number
  invoiceType*        string
  paymentInstrumentType* string
  currency*           string
                      Enum:

                      Array [ 130 ]
  totalValue*         number
  incoTerm*           string
                      Enum:

                      Array [ 15 ]
  freightAmount       number
  freightCurrency*    string
                      Enum:

                      Array [ 130 ]
  insuranceAmount     number
  insuranceCurrency*  string
                      Enum:

                      Array [ 130 ]
  exporterCode*       string
  FZCode*             string
                      Enum:

                      Array [ 17 ]
  warehouseCode*      string
  cargoOwnership*     string
                      Enum:

                      Array [ 2 ]
  associatedEcomCompany* string
  brokerBusinessCode*  string
  logisticsSPBusinessCode* string
  documents*          [...]
  returnDetails*      ReturnDetailDto {...}
  lineItems*          [...]
}
```

```
KvpDto {
  attributeSerialNo* number
  attributeNames*    string
  attributeValue*    string
}
```

```
OrderForSubmitOrderDto {
  orderNumber*      string
  orderDate*        string
  actionDate*       string
  ecomBusinessCode* string
  mode*            string
                  Enum:

                  Array [ 5 ]
  consigneeName      string
  consigneeAddress   ConsigneeAddressDto {...}
  billTo*           string
  billToAddress*    AddressDto {...}
  shipTo            string
  shipToAddress     AddressDto {...}
  documents*        [...]
  invoices*         [...]
```

```
SubmitOrderParametersDto {
  orderNumber*      string
  orderDate*        string
  actionDate*       string
  ecomBusinessCode* string
  mode*            string
  billTo*           string
  shipTo*           string
  consigneeAddress* ConsigneeAddressDto {...}
  billToAddress*    AddressDto {...}
  shipToAddress*    AddressDto {...}
  documents*        [...]
  invoices*         [...]
  referenceID*      string
  uuid*             string
  consigneeName*    string
  consigneeCode*    string
  jwt*              string
  eCommBusinessName* string
  kvps*             [...]
  uuid20*           string
  epochTimeStamp*   string
  signature*        string
  stringifiedPayload* OrderForSubmitOrderDto {...}
  orgCode*          string
}
```

```
HyperledgerResponseDto {
  error*      string
  message*    {...}
}
```

```
TransportInvoiceDto {
  invoiceNumber*  string
  shippingParameterID* string
}
```

```
ShippingDetailsDTo {
  shippingAgentBusinessCode* string
  modeOfTransport*          string
  carrierNumber*            string
  carrierRegistrationNo*    string
  dateOfDeparture*          string
  dateOfArrival*            string
  portOfLoad*               string
  portOfDischarge*          string
  originalLoadPort*         string
  destinationCountry*       string
  pointOfExit*              string
  cargoHandlerCode*         string
  LMDBBusinessCode*         string
}
```

```
TransportDocumentDetailsDto {
  masterTransportDocNo* string
  transportDocNo*       string
  cargoType*            string
  grossWeight*          number
  grossWeightUOM*       string
                        Enum:

                        Array [ 12 ]

  netWeight*            number
  netWeightUOM*         string
                        Enum:

                        Array [ 12 ]
}
```

```
PackageDetailsDto {
  packageType*      string
                    Enum:

                        Array [ 12 ]
  numberOfPackages* number
  container*         [...]
}

OrderForTransportInfoDto {
  orderNumber*      string
  orderDate*        string
  actionDate*       string
  ecomBusinessCode* string
  mode*             string
                    Enum:

                        Array [ 5 ]
  consigneeName     string
  consigneeAddress  ConsigneeAddressDto {...}
  billTo*           string
  billToAddress*    AddressDto {...}
  shipTo            string
  shipToAddress     AddressDto {...}
  documents*        [...]
  invoices*         [...]
}
```

```
UpdateTransportInfoParametersDto  {
  orderNumber*      string
  shippingParameterId*  string
  ecomOrgCode*      string
  invoices*          [...]
  direction*        string
  returnRequestNo*   string
  oldHouseTransportDocNo* string
  mode*              string
  autoInitiateDeclaration* string
                      Enum:

                      Array [ 2 ]
  shippingDetail*      ShippingDetailsDTo  {...}
  transportDocumentDetails* TransportDocumentDetailsDto  {...}
  packageDetails*      [...]
  documents*            [...]
  uuid*                 string
  transportProviderCode* string
  jwt*                  string
  uuid20*               string
  referenceID*          string
  kvp*                  [...]
  epochTimeStamp*       string
  signature*            string
  stringifiedPayload*   OrderForTransportInfoDto  {...}
  orgCode*              string
}
```

```
PaymentDetailDto  {
  paymentMode*      string
  declarationChargesAccount* string
}
```

```
DeclarationDocumentDto  {
  documentCode*      string
  availabilityStatus* string
  nonAvailabilityReason* string
  isDepositCollected* string
}
```

```
InitiateDeclarationParametersDto {
  uuid*                string
  orderNumber*         string
  ecomOrgCode*         string
  invoiceNumber*       string
  shippingParameterID* string
  direction*           string
  returnRequestNo*     string
  paymentDetails*      [...]
  tradeType*           string
  declarationType*     number
  brokerCustomerCode*  number
  prevDeclarationReference* string
  prevDeclarationInvoiceNo* string
  prevDeclarationItemLineNo* string
  declarationDocuments* [...]
  invoiceItemLineNo*   number
  declarantReferenceNo* string
  kvp*                 [...]
  jwt*                 string
  uuid20*              string
  epochTimeStamp*      string
  signature*           string
  stringifiedPayload*  {...}
  orgCode*             string
}
```