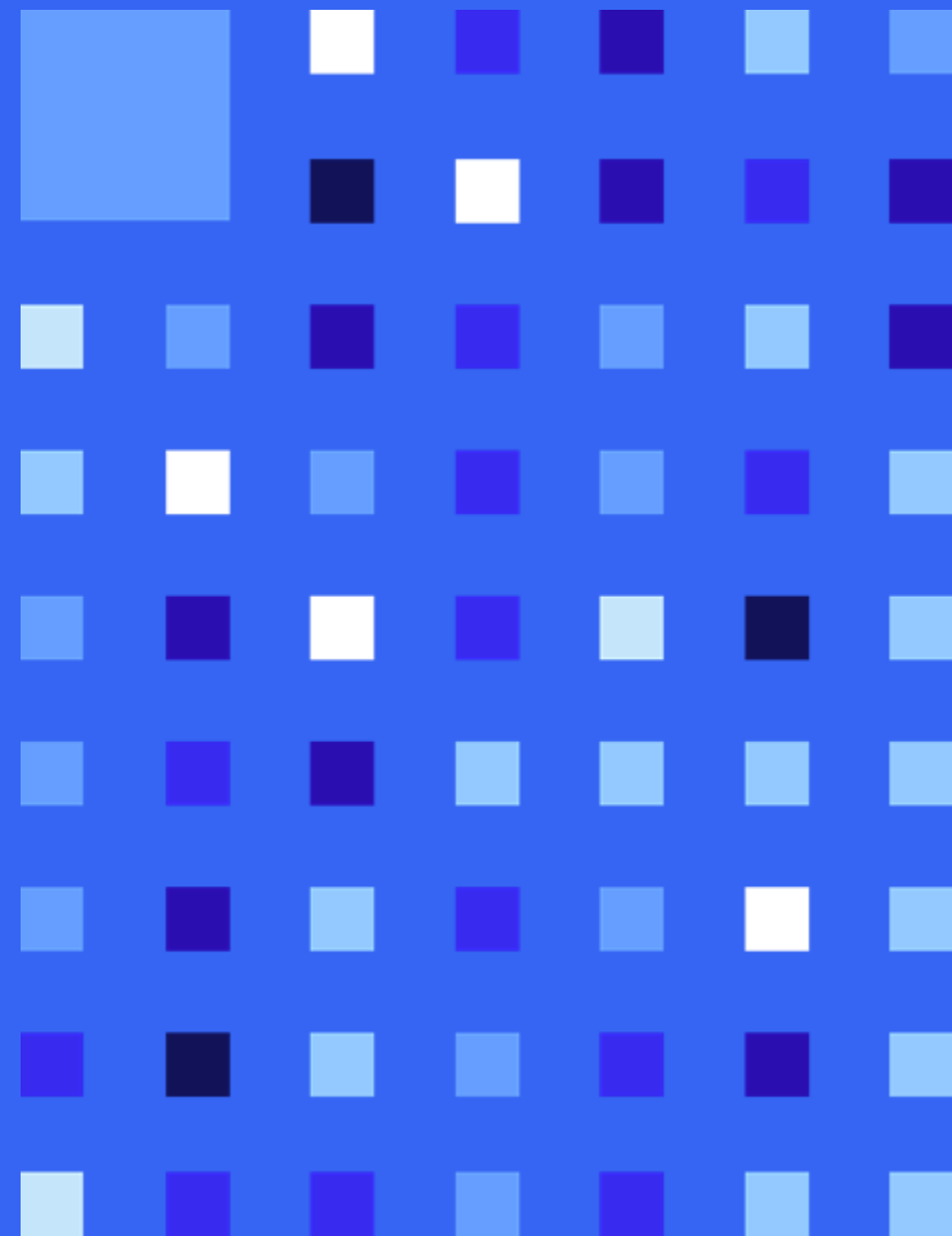


eBay Connect 2022

Buy APIs

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Sr. Product Manager, Developer Ecosystem

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Sr. Engineering Manager, Developer Ecosystem



eBay Connect 2022

Agenda

Buy APIs

Compliance

Feed API V1

Priority Feed

Buy APIs

- Curation
- Ingestion
- Surface
- Purchase



What's New in Buy APIs?

Browse API

- Marketplace expansion: AT, CH
- Priority Listing indicators
- Classified listings
- ItemCreateTime, listingMarketPlaceID, categoryPathID in search and getItem family
- Support for Add on services: Expert verification
- Extended Producer Responsibility
- US Exports

Feed API

- Marketplace expansion: AT, CH
- Priority Listing indicators in daily and bootstrap feeds
- Coupons in snapshot feeds
- Extended Producer Responsibility
- Support for Add on services: Expert verification
- New attributes related to aspects added to item and snapshot feeds
- New Feed V1
- Priority Feed

Order API

- Support for Add on services: Expert verification
- Canada Collect & Remit
- FR VAT

Compliance

- FR VAT
- VAT on Digitally Delivered Goods
- Extended Producer Responsibility
- Canada Collect & Remit



FR VAT

Order, Browse and Feed APIs

Item price and shipping costs show VAT inclusive pricing when applicable

Browse API changes

VAT details included in the tax container

```
"taxes": [  
  {  
    "taxJurisdiction": {  
      "taxJurisdictionId": "FR"  
    },  
    "taxType": "VAT",  
    "taxPercentage": "19",  
    "includedInPrice": true,  
    "ebayCollectAndRemitTax": false,  
    "shippingAndHandlingTaxed": false  
  }  
]
```

Extended Producer Responsibility for FR

Browse, Feed and Order APIs

Added support for the following new fields

- ecoParticipationFeeValue,
- ecoParticipationFeeCurrency,
- takeBackPolicyLabel,
- takeBackPolicyDescription

Browse API changes

```
"sellerCustomPolicies" : [{  
  "description" : "string",  
  "label" : "string",  
  "type" : "SellerCustomPolicyTypeEnum : [PRODUCT_COMPLI  
ANCE,TAKE_BACK]"  
}]  
  
"ecoParticipationFee" : {  
  "convertedFromCurrency" : "CurrencyCodeEnum : [AED,AFN,  
ALL...]",  
  "convertedFromValue" : "string",  
  "currency" : "CurrencyCodeEnum : [AED,AFN,ALL...]",  
  "value" : "string"  
}
```

VAT on Digitally Delivered Goods

Browse API

New Regulations for VAT/GST in EU, UK & CA for Electronic & Digital Services

Browse Changes

VAT details included in the tax container

```
"taxes": [  
  {  
    "taxJurisdiction": {  
      "taxJurisdictionId": "DE"  
    },  
    "taxType": "VAT",  
    "taxPercentage": "19",  
    "includedInPrice": true,  
    "ebayCollectAndRemitTax": false,  
    "shippingAndHandlingTaxed": false  
  }  
]
```


Canada Collect & Remit

Order API

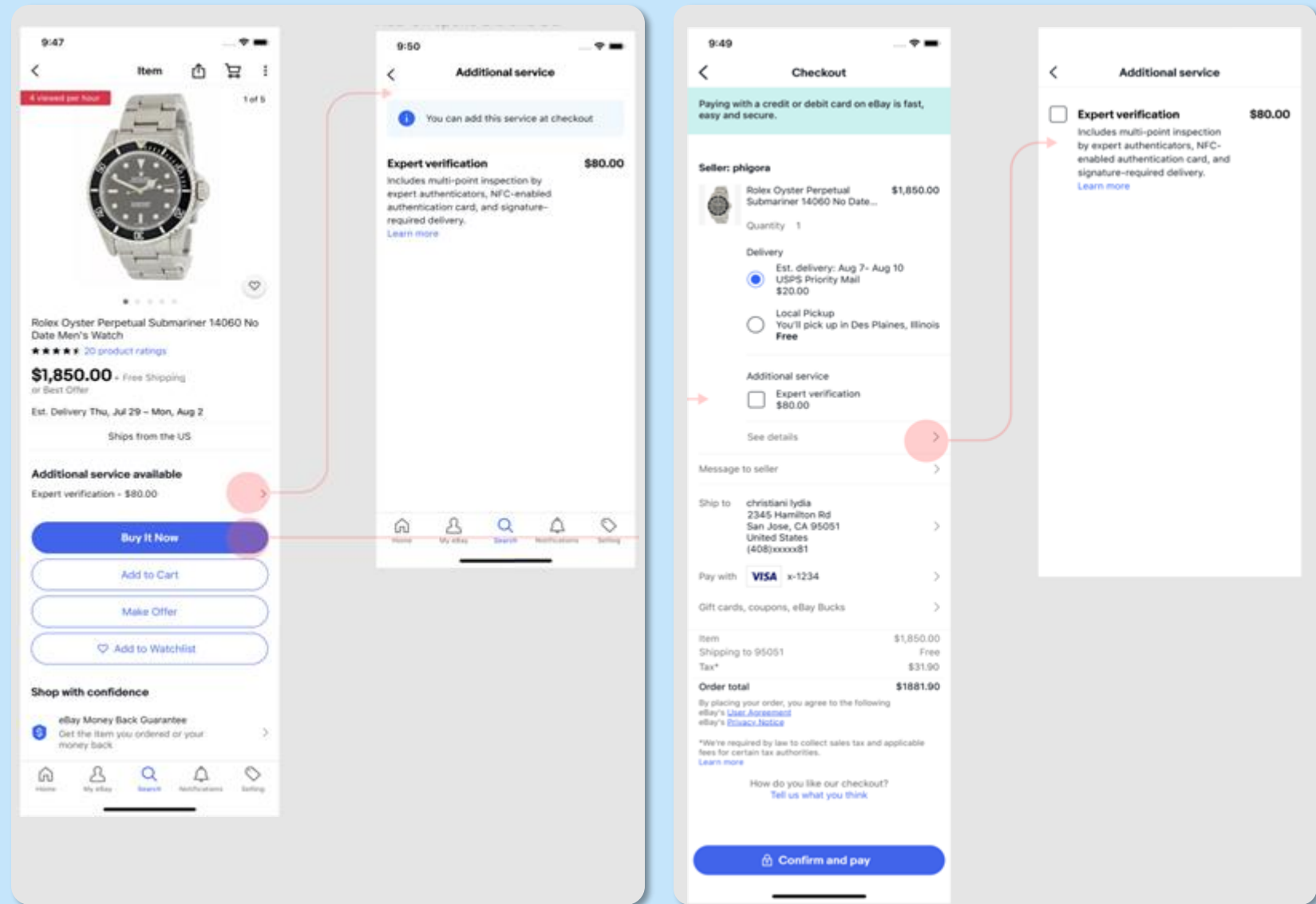
Added support to collect and remit (C&R) Canada sales tax

Order API changes

```
"taxDetails" : [  
  "amount" :{ "currency" : "CurrencyCodeEnum : [AED,AFN,  
  ALL...]",  
  "value" : "string"  
},  
  "taxClassification" : "TaxClassificationEnum : [DOMEST  
  IC_LEG_TAX,HANDLING_TAX,IMPORT_TAX...]",  
  "taxClassificationDetails" : [{  
    "amount" :{ "currency" : "CurrencyCodeEnum : [AED,AFN,  
    ALL...]",  
    "value" : "string"  
  },  
    "taxType" : "TaxType : [STATE_SALES_TAX,VAT,PROVINCE_S  
    ALES_TAX...]"  
  }  
]  
}
```

Expert Verification

- Optional add-on service
- Buyers can purchase post sale authentication service in focus categories



API Changes

Browse API :

- Optional service fee for all eligible items

```
"addonServices": [
  {
    "selection": "OPTIONAL",
    "serviceFee": {
      "convertedFromCurrency": "USD",
      "convertedFromValue": "80",
      "currency": "USD",
      "value": "80"
    },
    "serviceId": "VAS101",
    "serviceType": "AUTHENTICITY_GUARANTEE"
  }
]
```

Order API (V1) :

Provide capability to opt for AG service. Get Purchase Order will emit service fee for all the applicable orders

```
"addonServices": [
  {
    "selected": true,
    "serviceFee": {
      "currency": "USD",
      "value": "80"
    },
    "serviceId": "VAS101",
    "serviceTax": {
      "currency": "USD",
      "value": "8"
    },
    "serviceType": "AUTHENTICITY_GUARANTEE"
  }
]
```



Feed API v1

Inventory curation through Feed API

- Feed type(s)
- Get file(s)
- Check access
- Download files



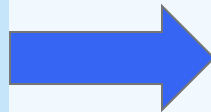
Integration flow

Step 1

getFeedTypes
getFeedType

Returns a list of all
feed types available

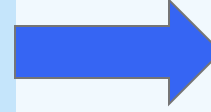
Returns all feeds of
a particular type



Step 2

getAccess

Returns the details
of the application's
feed file access

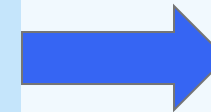


Step 3

getFiles
getFile

Returns a list of
feed files available

Returns a list of the
metadata for a
particular file



Step 4

downloadFile

Returns a
specified GZIP
feed file

Feed Types: CURATED_ITEM_FEED, PRODUCT_FEED

Feed Scopes: DAILY, WEEKLY, HOURLY

Access: Specific to Marketplace and Categories

FeedTypes

GET

https://api.ebay.com/buy/feed/v1/feed_type

- CURATED_ITEM_FEED
- PRODUCT_FEED

```
{
  "total": 2,
  "feedTypes": [
    {
      "feedTypeId": "CURATED_ITEM_FEED",
      "description": "eBay Partner Network Curated Item Feeds",
      "supportedFeeds": [
        {
          "feedScope": "DAILY",
          "authorizationScopes": [
            "https://api.ebay.com/oauth/api_scope/buy.item.feed"
          ],
          "status": "ACTIVE",
          "supportedSchemas": [
            {
              "formats": [
                "TSV"
              ],
              "schemaVersion": "1.0",
              "definition": "{ \"itemLocationCountry\" ..... \"manufacturer\": \"string\"}",
              "deprecated": false
            }
          ],
          "constraint": {
            "marketplaceIds": [
              "EBAY_AU",
              "EBAY_FR",
              "EBAY_US",
              "EBAY_GB",
              "EBAY_DE",
              "EBAY_IT"
            ]
          },
          "lookBack": {
            "unit": "DAY",
            "value": 14
          }
        }
      ]
    }
  ]
}
```

FeedType

GET

https://api.ebay.com/buy/feed/v1/feed_type/{feed_type_id}

- CURATED_ITEM_FEED
- PRODUCT_FEED

```
{
  "feedTypeId": "CURATED_ITEM_FEED",
  "description": "eBay Partner Network Curated Item Feeds",
  "supportedFeeds": [
    {
      "feedScope": "DAILY",
      "authorizationScopes": [
        "https://api.ebay.com/oauth/api_scope/buy.item.feed"
      ],
      "status": "ACTIVE",
      "supportedSchemas": [
        {
          "formats": [
            "TSV"
          ],
          "schemaVersion": "1.0",
          "definition": "{ \"itemLocationCountry\": \"string\",..., \"manufacturer\": \"string\"}",
          "deprecated": false
        }
      ],
      "constraint": {
        "marketplaceIds": [
          "EBAY_US",
          "EBAY_GB",
          ....
          "EBAY_AU"
        ]
      },
      "lookBack": {
        "unit": "DAY",
        "value": 14
      }
    }
  ]
}
```


Check access

GET

<https://api.ebay.com/buy/feed/v1/access>

```
{
  "accesses": [
    {
      "feedType": "CURATED_ITEM_FEED",
      "constraints": [
        {
          "marketplaceId": "EBAY_IT",
          "categoryIds": [
            "1249",
            "15032",
            "58058",
            "293",
            "625"
          ]
        }
      ]
    },
    {
      "feedType": "PRODUCT_FEED",
      "constraints": [
        {
          "marketplaceId": "EBAY_AU",
          "categoryIds": [
            "1249",
            "58058",
            "15032",
            "293",
            "625"
          ]
        }
      ]
    }
  ]
}
```

Get files

GET

[https://api.ebay.com/buy/feed/v1/file?
feed_type_id=CURATED_ITEM_FEED](https://api.ebay.com/buy/feed/v1/file?feed_type_id=CURATED_ITEM_FEED)

```
{
  "href":
  "https://api.ebay.com/buy/feed/v1/file?limit=20&feed_type_id=CURATED_ITEM_FEED",
  "next":
  "https://api.ebay.com/buy/feed/v1/file?limit=20&continuation_token=Ci5vcmcubW9uc3Rvci5zZXJ2aWNlLnYxLnByb3RvLI9Tb3J0VmFsdWVdXzJzEgu7AcGZFx1SeuUDZA%3D%3D&feed_type_id=CURATED_ITEM_FEED",
  "total": 27,
  "limit": 20,
  "fileMetadata": [
    {
      "fileId": "EPN-CURATED_ITEM_FEED-US-6000-20220830-1-1.txt.gz",
      "feedTypeId": "CURATED_ITEM_FEED",
      "feedScope": "DAILY",
      "marketplaceId": "EBAY_US",
      "dimensions": [
        {
          "dimensionKey": "CATEGORY",
          "values": [
            "6000"
          ]
        }
      ],
      "feedDate": "2022-08-30T00:00:00.000Z",
      "span": {
        "unit": "HOUR",
        "value": 24
      },
      "format": "TSV",
      "schemaVersion": "1.0",
      "size": 4999064155,
      "access": "ALLOWED"
    },
    {...}
    {...}
    {...}
  ]
}
```

Get file

GET

https://api.ebay.com/buy/feed/v1/file/EPN-CURATED_ITEM_FEED-US-6000-20220830-1-1.txt.gz

```
{
  "fileId": "EPN-CURATED_ITEM_FEED-US-6000-20220830-1-1.txt.gz",
  "feedTypeId": "CURATED_ITEM_FEED",
  "feedScope": "DAILY",
  "marketplaceId": "EBAY_US",
  "dimensions": [
    {
      "dimensionKey": "CATEGORY",
      "values": [
        "6000"
      ]
    }
  ],
  "feedDate": "2022-08-30T00:00:00.000Z",
  "span": {
    "unit": "HOUR",
    "value": 24
  },
  "format": "TSV",
  "schemaVersion": "1.0",
  "size": 4999064155,
  "access": "ALLOWED"
}
```

Download files

GET

https://api.ebay.com/buy/feed/v1/file/EPN-CURATED_ITEM_FEED-US-6000-20220830-1-1.txt.gz/download

Downloaded File

ItemLocation	buyingOption	priceCurrency	priceValue	imageURL	ItemAffiliate	categoryId	category	marketPlace	itemId	itemCreator	itemEndDate	title	shippingCost	defaultImage	availability	color	size	gender
DE	FIXED_PRICE	EUR	9.58	https://i.eba	https://www	117045	Speicherkart	EBAY_DE	v1 4038583 2022-08-30T	2022-09-30T	1x 542vita 5j	0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	44.95	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038583 2022-08-30T	2022-09-30T	Disco Elysiun	0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	29.95	https://stati	https://www	139973	PC- & Videos	EBAY_DE	v1 4038583 2022-08-30T	2022-09-30T	Overcooked -	0	https://stati	AVAILABLE				
DE	FIXED_PRICE	EUR	8.58	https://i.eba	https://www	171833	Ersatzteile &	EBAY_DE	v1 4038583 2022-08-30T	2022-09-30T	Reparatur U	0	https://i.eba	AVAILABLE			Wie das Bild gezeigt	
DE	FIXED_PRICE	EUR	6.87	https://i.eba	https://www	171833	Ersatzteile &	EBAY_DE	v1 4038583 2022-08-30T	2022-09-30T	Micro-usb-la	0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	4.68	https://i.eba	https://www	171833	Ersatzteile &	EBAY_DE	v1 4038583 2022-08-30T	2022-09-30T	2pcs jdb-001	0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	9.24	https://i.eba	https://www	117045	Speicherkart	EBAY_DE	v1 4038582 2022-08-30T	2022-09-30T	128Vick 16 M	0	https://i.eba	AVAILABLE	Schwarz			
DE	FIXED_PRICE	EUR	6.68	https://www	https://www	117045	Speicherkart	EBAY_DE	v1 4038582 2022-08-30T	2022-09-30T	128 P2 Zub	0	https://i.eba	AVAILABLE	Schwarz	ca. 12g		
DE	FIXED_PRICE	EUR	8.08	https://i.eba	https://www	117041	Controller	EBAY_DE	v1 4038582 2022-08-30T	2022-09-30T	6 Paar Touch	0	https://i.eba	AVAILABLE	Blau, Rot, Ge	45x25mm//1.77x0.98 Zoll		
CN	FIXED_PRICE	EUR	21.99	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038576 2022-08-29T	2022-09-29T	Genshin Imp	9.99	https://i.eba	AVAILABLE				
CN	FIXED_PRICE	EUR	20.99	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038574 2022-08-29T	2022-09-29T	Genshin Imp	9.99	https://i.eba	AVAILABLE				
CN	FIXED_PRICE	EUR	17.99	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038574 2022-08-29T	2022-09-29T	Genshin Imp	8.99	https://i.eba	AVAILABLE				
CN	FIXED_PRICE	EUR	10.78	https://i.eba	https://www	171668	Faceplates	EBAY_DE	v1 4038574 2022-08-29T	2022-09-29T	Spider Vinyl	2.9	https://i.eba	AVAILABLE	Mehrfarbig			
DE	FIXED_PRICE	EUR	15.99	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	10 Divine Of	0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	13.79	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	Kartenspiele	0	https://i.eba	AVAILABLE				
CN	FIXED_PRICE	EUR	9.97	https://i.eba	https://www	171668	Faceplates	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	Skin Fur Nint	2.9	https://i.eba	AVAILABLE	Mehrfarbig			
DE	FIXED_PRICE	EUR	55.95	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	Humankind (0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	34.95	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	Blasphemou	0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	44.95	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	Faito Milesti	0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	37.95	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	Lumote: The	0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	34.95	https://stati	https://www	38583	Merchandise	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	Gilker Super	0	https://stati	AVAILABLE	Mehrfarbig	70		
DE	FIXED_PRICE	EUR	59.95	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	Landwirtschaft	0	https://i.eba	AVAILABLE				
DE	FIXED_PRICE	EUR	65.95	https://i.eba	https://www	139973	PC- & Videos	EBAY_DE	v1 4038573 2022-08-29T	2022-09-29T	Life Is Strang	0	https://i.eba	AVAILABLE				
CN	FIXED_PRICE	EUR	10.78	https://i.eba	https://www	171668	Faceplates	EBAY_DE	v1 4038572 2022-08-29T	2022-09-29T	Skin Aufkleb	2.9	https://i.eba	AVAILABLE	Schwarz			
CN	FIXED_PRICE	EUR	18.58	https://i.eba	https://www	171831	Taschen & S	EBAY_DE	v1 4038572 2022-08-29T	2022-09-29T	Zelda Schutz	2.9	https://i.eba	AVAILABLE	Schwarz			
CN	FIXED_PRICE	EUR	6.69	https://i.eba	https://www	117041	Controller	EBAY_DE	v1 4038571 2022-08-29T	2022-09-29T	2pcs Gamep	0	https://i.eba	AVAILABLE				
CN	FIXED_PRICE	EUR	17.52	https://i.eba	https://www	171668	Faceplates	EBAY_DE	v1 4038571 2022-08-29T	2022-09-29T	Skin Aufkleb	2.9	https://i.eba	AVAILABLE	Mehrfarbig			
CN	FIXED_PRICE	EUR	13.79	https://i.eba	https://www	171856	Ladegeräte	EBAY_DE	v1 4038571 2022-08-29T	2022-09-29T	4 Port Charg	0	https://i.eba	AVAILABLE	Weiß			



Priority Feed

getItemPriorityFeed

GET

https://api.ebay.com/buy/feed/v1_beta/item_priority?category_id=625&date=20210718

Output File contains :

- itemId
 - priorityListingPayload
 - changeMetadata
- ADDED_TO_CAMPAIGN
 - REMOVED_FROM_CAMPAIGN
 - TRACKING_PAYLOAD_REFRESHED

```
ItemId PriorityListingPayload ChangeMetadata
v1|115296813774|0 amdata=enc%3A1bPFV7KGxSLqK7K1MF8DhEw90 TRACKING_PAYLOAD_REFRESHED
v1|125112770946|0 amdata=enc%3A1tYT09wNsQ5gHoPvrCLGqvg89 TRACKING_PAYLOAD_REFRESHED
v1|153879916346|0 amdata=enc%3A1j8QBIVnyS6-QNKW6Dcc-q089 TRACKING_PAYLOAD_REFRESHED
v1|165498709826|0 amdata=enc%3A11wAIwL0sRhSztZ2WJBVzC-A13 TRACKING_PAYLOAD_REFRESHED
v1|185482677746|0 amdata=enc%3A1r0zPbV0vSF1S4n57W73dFQ43 TRACKING_PAYLOAD_REFRESHED
v1|203318373134|0 amdata=enc%3A10FsDVwZGR-SE1I70QBLo6w60 TRACKING_PAYLOAD_REFRESHED
v1|224601932032|0 amdata=enc%3A1 6ICR7vaRXqYXLc1kag4aw33 TRACKING_PAYLOAD_REFRESHED
v1|255220461036|0 amdata=enc%3A1Tqw5DmNnQ3G9hz6uC5Fo0g54 TRACKING_PAYLOAD_REFRESHED
v1|275383450484|0 amdata=enc%3A1U 0w2V49S56RoJXcIRgrq06 TRACKING_PAYLOAD_REFRESHED
v1|284779490340|0 amdata=enc%3A1RD_J7hNTRL2LLJU2KndZ-A30 TRACKING_PAYLOAD_REFRESHED
v1|284829189304|0 amdata=enc%3A1fIPNpoQSTayR0XfyZ51QL092 TRACKING_PAYLOAD_REFRESHED
v1|294880478748|0 amdata=enc%3A1ayecZGsaRqaTf Nje14_j045 TRACKING_PAYLOAD_REFRESHED
v1|304109309492|0 amdata=enc%3A14hMs2YsrTMSdeDa6iAkjiw12 TRACKING_PAYLOAD_REFRESHED
v1|333881387744|0 amdata=enc%3A1PiBqbC0zTvei2-HMou_szA30 TRACKING_PAYLOAD_REFRESHED
v1|373802035966|0 amdata=enc%3A1VYT7ftvc0G0G2-CQt0WhvA99 TRACKING_PAYLOAD_REFRESHED
v1|384186100132|0 amdata=enc%3A1Xqfy4Ag8TW6ZxrCdd_07DQ65 TRACKING_PAYLOAD_REFRESHED
v1|393380796510|0 amdata=enc%3A1qov_AjKxTm6-GoS8t48FjA34 TRACKING_PAYLOAD_REFRESHED
v1|125348364094|0 amdata=enc%3A1qYBaVzYhQvWTIRQkaGuG1g45 TRACKING_PAYLOAD_REFRESHED
v1|125376271918|0 amdata=enc%3A1_5NgwA_0QwipkZB1nDNq1g24 TRACKING_PAYLOAD_REFRESHED
v1|133373848176|0 amdata=enc%3A1ZydUUG5FSK6Dr1Np5K1Zg80 TRACKING_PAYLOAD_REFRESHED
v1|174210980165|0 REMOVED_FROM_CAMPAIGN
v1|184449683868|0 amdata=enc%3A107uwi-u0Q8aG0uLt-M50hw65 TRACKING_PAYLOAD_REFRESHED
v1|185287230788|0 amdata=enc%3A12tTUAtAGQjS0w3yVLY0eSg61 TRACKING_PAYLOAD_REFRESHED
v1|195199375240|0 amdata=enc%3A1hybdKx31TeGMB9ZftBGPw47 TRACKING_PAYLOAD_REFRESHED
v1|225138538442|0 amdata=enc%3A15vVfFMLo0Gm5Cxmn5UrmCQ78 ADDED_TO_CAMPAIGN
v1|255441213400|0 amdata=enc%3A1qTuB8F5RREyC_rbAcyCKH058 TRACKING_PAYLOAD_REFRESHED
v1|255698296962|0 amdata=enc%3A1ssd--SIKTuem42TbuFdamw54 ADDED_TO_CAMPAIGN
v1|255698603820|0 amdata=enc%3A1PHL8Wqa4TjG6KLowMiw8w68 ADDED_TO_CAMPAIGN
v1|275276419126|0 amdata=enc%3A1f2pPK65dSZ53pAckKfxHTA64 TRACKING_PAYLOAD_REFRESHED
```

The image features the eBay logo in white lowercase letters, centered on a dark blue background. A large, light blue circular shape is partially visible on the left side of the frame, overlapping the dark blue background. The logo consists of the word "ebay" in a clean, sans-serif font, with the 'y' having a distinctive upward curve.

ebay