

# Shopify - GraphQL Queries

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Description: Shopify is a cloud-based e-commerce platform that allows individuals and businesses to create and manage o

Total Queries: 14

## 1. Get All Products

```
{
  "query": "query { products(first: 250) { edges { node { id title handle
descriptionHtml vendor productType status tags createdAt updatedAt variants(first:
10) { edges { node { id sku title price inventoryQuantity    compareAtPrice } } }
images(first: 10) { edges { node { id url altText width height } } } } } pageInfo {
hasNextPage hasPreviousPage endCursor } } }"
}
```

## 2. Create product

```
{
  "query": "mutation CreateProduct($product: ProductCreateInput!, $media:
[CreateMediaInput!]) { productCreate(product: $product, media: $media) { product {
id title handle status vendor productType descriptionHtml tags options { id name
position optionValues { id name hasVariants } } seo { title description }
media(first: 10) { edges { node { mediaContentType alt } } } variants(first: 10) {
edges { node { id title sku price inventoryItem { id tracked } } } }
metafields(first: 20) { edges { node { id namespace key type value } } } }
userErrors { field message } } }",
  "variables": {
    "product": {
      "title": "FaizKahn-Test",
      "descriptionHtml": "<p>Premium cotton socks</p>",
      "vendor": "Sock Co",
      "productType": "Socks",
      "tags": ["cotton", "unisex", "premium"],
      "status": "ACTIVE",
      "handle": "faizsse-socks2",
      "seo": { "title": "Cool Socks", "description": "Comfortable, breathable
socks." },
      "productOptions": [
        { "name": "Color", "values": [{ "name": "Red" }, { "name": "Blue" }] },
        { "name": "Size", "values": [{ "name": "Small" }, { "name": "Large" }] }
      ]
    }
  }
}
```

```

    ],
    "metafields": [
      { "namespace": "custom", "key": "color", "type": "single_line_text_field",
"value": "Brown" },
      { "namespace": "custom", "key": "category", "type":
"single_line_text_field", "value": "Sofa" },
      { "namespace": "custom", "key": "collection", "type":
"single_line_text_field", "value": "Adia" },
      { "namespace": "custom", "key": "style", "type": "single_line_text_field",
"value": "Modern" },
      { "namespace": "custom", "key": "material", "type":
"single_line_text_field", "value": "Mesh and Steel" },
      { "namespace": "custom", "key": "product_dimension", "type":
"single_line_text_field", "value": "24x30x20" },
      { "namespace": "custom", "key": "short_description", "type":
"single_line_text_field", "value": "Compact ergonomic chair." },
      { "namespace": "custom", "key": "long_description", "type":
"multi_line_text_field", "value": "Extended marketing copy..." }
    ]
  },
  "media": [
    {
      "originalSource": "https://shopify-staged-uploads.storage.googleapis.com/tm
p/56620515381/files/9d9f9a78-0bb3-4c17-9912-5a152ae1717e/aifiesta-download-17612194
69778.png",
      "alt": "Red socks front view",
      "mediaContentType": "IMAGE"
    }
  ]
}

```

### 3. Delete product:

```
{  
  
  "query": "mutation productDelete($input: ProductDeleteInput!) {  
productDelete(input: $input) { deletedProductId userErrors { field message } } }",  
  
  "variables": {  
  
    "input": {  
  
      "id": "gid://shopify/Product/id"  
  
    }  
  
  }  
  
}
```

### 4. UpdateProduct

```
{  
  
  "query": "mutation UpdateProduct($input: ProductInput!) { productUpdate(input:  
$input) { product { id title handle status vendor productType descriptionHtml tags  
seo { title description } options { id name position optionValues { id name } }  
metafields(first: 50) { edges { node { id namespace key type value } } } }  
userErrors { field message } } }",  
  
  "variables": {  
    "input": {  
      "id": "gid://shopify/Product/8736248917364",  
      "title": "Updated Product Title via GraphQL",  
      "descriptionHtml": "<p>Updated description from Postman!</p>",  
      "status": "ACTIVE",  
      "vendor": "Sock Co",  
      "productType": "Socks",  
      "tags": ["cotton", "unisex", "premium"],  
      "seo": {  
        "title": "Cool Socks - Updated",  
        "description": "Comfortable, breathable socks (updated)."  
      },  
    },  
  },  
}
```

```

"options": [
  { "id": "gid://shopify/ProductOption/123", "name": "Color" },
  { "name": "Size", "optionValues": [{ "name": "Small" }, { "name": "Large"
}] }
],
"metafields": [
  { "id": "gid://shopify/Metafield/111", "value": "Brown" },
  {
    "namespace": "custom",
    "key": "material",
    "type": "single_line_text_field",
    "value": "Mesh and Steel"
  }
]
}
}
}
}

```

## 5. Get All Orders

```

{
  "query": "query {\n  orders(first: 250, sortKey: PROCESSED_AT, reverse: true) {\n
    edges {\n      cursor\n      node {\n        id\n        name\n
createdAt\n        processedAt\n        displayFinancialStatus\n
displayFulfillmentStatus\n        closedAt\n        currencyCode\n
currentSubtotalPriceSet {\n      shopMoney {\n        amount\n
currencyCode\n      }\n    }\n      currentTotalPriceSet {\n
shopMoney {\n        amount\n        currencyCode\n      }\n    }\n
      currentTotalTaxSet {\n      shopMoney {\n        amount\n
currencyCode\n      }\n    }\n      totalWeight\n      customer {\n
        id\n        firstName\n        lastName\n        email\n
phone\n      }\n      shippingAddress {\n        name\n        address1\n
        address2\n        city\n        province\n        country\n
zip\n        phone\n      }\n      billingAddress {\n        name\n
        address1\n        address2\n        city\n        province\n
country\n        zip\n        phone\n      }\n      fulfillments(first: 10)
{\n        trackingInfo {\n          number\n          company\n
url\n        }\n        status\n        createdAt\n      }\n
lineItems(first: 50) {\n      edges {\n        node {\n          id\n

```

```

    title\n
    sku\n
    quantity\n
originalUnitPriceSet {\n
    shopMoney {\n
        amount\n
        currencyCode\n
    }\n
}\n
discountedTotalSet {\n
    shopMoney {\n
        amount\n
        currencyCode\n
    }\n
}\n
product\n
{\n
    id\n
    title\n
}\n
variant {\n
    id\n
    title\n
}\n
}\n
}\n
}\n
}\n
pageInfo {\n
    hasNextPage\n
    hasPreviousPage\n
    startCursor\n
    endCursor\n
}\n
}\n
}"
}

```

## 6. Get ALL Inventory

```

{"query": "{ products(first: 10) { edges { node { id title variants(first: 10) {
edges { node { id title sku inventoryItem { id inventoryLevels(first: 5) { edges {
node { location { name } quantities(names: [\\\\"available\\"]) { name quantity } }
} } } } } } } } } } } } } } }"}

```

## 7. Update that variant (SKU, price)

```
{
  "query": "mutation productVariantsBulkUpdate($productId: ID!, $variants:
[ProductVariantsBulkInput!]) { productVariantsBulkUpdate(productId: $productId,
variants: $variants) { productVariants { id price inventoryItem { id sku } } }
userErrors { field message } } }",
  "variables": {
    "productId": "gid://shopify/Product/7996623487029",
    "variants": [
      {
        "id": "gid://shopify/ProductVariant/44796944154677",
        "price": "299.99",
        "inventoryItem": {
          "sku": "FURN-001"
        }
      }
    ]
  }
}
```

## 8. Add inventory to a product(quantity...)

```
{
  "query": "mutation { inventorySetQuantities(input: { name: \"available\", reason:
\"correction\", ignoreCompareQuantity: true, quantities: [{ inventoryItemId:
\"gid://shopify/InventoryItem/44182182953013\", locationId:
\"gid://shopify/Location/62354096181\", quantity: 999 }] }) { userErrors { field
message } } }"
}
```

## 9. Fetch location id of product using Title:

```
{
  "query": "query ProductLocationIds($query: String!, $firstProducts: Int = 20,
$firstVariants: Int = 50, $firstLevels: Int = 50) { products(first: $firstProducts,
query: $query) { edges { node { id title variants(first: $firstVariants) { edges {
node { id inventoryItem { id inventoryLevels(first: $firstLevels) { edges { node {
location { id name } } } pageInfo { hasNextPage endCursor } } } } } pageInfo {
hasNextPage endCursor } } } } pageInfo { hasNextPage endCursor } } } }",
  "variables": {
    "query": "title:*socks*",
    "firstProducts": 10,
    "firstVariants": 50,
    "firstLevels": 50
  }
}
```

## 10. Change image file into url

```
{
  "query": "mutation stagedUploadsCreate($input: [StagedUploadInput!]) {
stagedUploadsCreate(input: $input) { stagedTargets { resourceUrl url parameters {
name value } } userErrors { field message } } }",
  "variables": {
    "input": [
      {
        "resource": "IMAGE",
        "filename": "",
        "mimeType": "image/png",
        "fileSize": "245678"
      }
    ]
  }
}
```

```

    ]
  }
}

```

## 11. Update Existing Inventory

```

{
  "query": "mutation { inventorySetQuantities(input: { name: \"available\", reason: \"correction\", ignoreCompareQuantity: true, quantities: [{ inventoryItemId: \"gid://shopify/InventoryItem/46896607035445\", locationId: \"gid://shopify/Location/62354096181\", quantity: 100 }] }) { userErrors { field message } } }"
}

```

## 12. Get\_Inventory\_Location\_ID

```

{
  "query": "query GetLocations($first: Int = 50) { locations(first: $first) { edges { node { id name legacyResourceId address { address1 address2 city province country countryCode zip } } } pageInfo { hasNextPage endCursor } } }",
  "variables": { "first": 20 }
}

```

## 13. Generate\_Id\_For\_Image

```

{ "query": "mutation fileCreate($files: [FileCreateInput!]) { fileCreate(files: $files) { files { ... on MediaImage { id fileStatus image { url altText width height } } } userErrors { field message } } }", "variables": { "files": [ { "alt": "Test image", "contentType": "IMAGE", "originalSource": "" } ] } }

```

## 14. Get\_CDN\_Image\_Url

```

{ "query": "query($id: ID!) { node(id: $id) { ... on MediaImage { id fileStatus image { url altText width height } } } }", "variables": { "id": "" } }

```