

API Examples

Collection of example API requests for testing the Raven Backend.

Categories

Create a Category

```
curl -X POST http://localhost:8080/api/categories \
-H "Content-Type: application/json" \
-d '{
  "name": "Bevande",
  "color": "#10b981",
  "sortOrder": 1,
  "description": "Bevande fresche e dissetanti",
  "icon": "drink"
}'
```

Get All Categories

```
curl http://localhost:8080/api/categories
```

Get Category by ID

```
curl http://localhost:8080/api/categories/{category-id}
```

Update Category

```
curl -X PUT http://localhost:8080/api/categories/{category-id} \
-H "Content-Type: application/json" \
-d '{
  "name": "Bevande Premium",
  "color": "#10b981",
  "sortOrder": 1,
  "description": "Le migliori bevande",
  "icon": "drink"
}'
```

Delete Category

```
curl -X DELETE http://localhost:8080/api/categories/{category-id}
```

Products

Create a Product

```
curl -X POST http://localhost:8080/api/products \
-H "Content-Type: application/json" \
-d '{
  "categoryId": "your-category-id",
  "name": "Coca Cola",
  "description": "Bevanda gassata al gusto cola",
  "price": 2.50,
  "imageUrl": "https://upload.wikimedia.org/wikipedia/commons/2/27/Coca_Cola_Flasche_-_Original_Taste.jpg",
  "taxRateId": "tax-rate-1",
  "visibleOn": {
    "pos": true,
    "app": true
  },
  "ingredients": ["Acqua", "Zucchero", "Anidride carbonica"],
  "allergens": []
}'
```

Get All Products

```
curl http://localhost:8080/api/products
```

Get Product by ID

```
curl http://localhost:8080/api/products/{product-id}
```

Get Products by Category

```
curl http://localhost:8080/api/products/category/{category-id}
```

Update Product

```
curl -X PUT http://localhost:8080/api/products/{product-id} \
-H "Content-Type: application/json" \
-d '{
  "categoryId": "your-category-id",
  "name": "Coca Cola Zero",
  "description": "Bevanda gassata al gusto cola senza zucchero",
  "price": 2.50,
  "imageUrl": "https://www.coca-cola.com/content/dam/onexp/us/en/brands/coca-cola-zero/en_coca-cola_prod_zero%20sugar%20zero%20caffeine_750x750_v1.jpg",
  "visibleOn": {
    "pos": true,
    "app": true
  },
  "ingredients": ["Acqua", "Dolcificanti", "Anidride carbonica"],
  "allergens": []
}'
```

Delete Product

```
curl -X DELETE http://localhost:8080/api/products/{product-id}
```

Orders

Create an Order

```
curl -X POST http://localhost:8080/api/orders \
-H "Content-Type: application/json" \
-d '{
  "status": "NEW",
  "source": "pos",
  "channel": "counter",
  "etaMinutes": 15,
  "customer": {
    "name": "Mario Rossi",
    "phone": "+39123456789",
    "email": "mario.rossi@example.com"
  },
  "notes": "Senza ghiaccio",
  "items": [
    {
      "productId": "product-id-1",
      "productName": "Coca Cola",
      "quantity": 2,
      "price": 2.50,
      "notes": ""
    },
    {
      "productId": "product-id-2",
      "productName": "Pizza Margherita",
      "quantity": 1,
      "price": 8.00,
      "notes": "Extra mozzarella"
    }
  ]
}'
```

Get All Orders

```
curl http://localhost:8080/api/orders
```

Get Order by ID

```
curl http://localhost:8080/api/orders/{order-id}
```

Update Order

```
curl -X PUT http://localhost:8080/api/orders/{order-id} \
-H "Content-Type: application/json" \
-d '{
  "status": "IN_PROGRESS",
  "source": "pos",
  "channel": "counter",
  "etaMinutes": 10,
  "customer": {
    "name": "Mario Rossi",
    "phone": "+39123456789",
    "email": "mario.rossi@example.com"
  },
  "notes": "Senza ghiaccio",
  "items": [
    {
      "productId": "product-id-1",
      "productName": "Coca Cola",
      "quantity": 2,
      "price": 2.50
    }
  ]
}'
```

Update Order Status

```
curl -X PATCH http://localhost:8080/api/orders/{order-id}/status \
-H "Content-Type: application/json" \
-d '{
  "status": "READY"
}'
```

Delete Order

```
curl -X DELETE http://localhost:8080/api/orders/{order-id}
```

Health Check

Check Application Health

```
curl http://localhost:8080/health
```

OpenAPI/Swagger

Access Swagger UI

Open in browser:

```
http://localhost:8080/swagger-ui
```

Get OpenAPI JSON

```
curl http://localhost:8080/q/openapi
```

Complete Example Flow

```
#!/bin/bash

# 1. Create a category
CATEGORY_RESPONSE=$(curl -s -X POST http://localhost:8080/api/categories \
-H "Content-Type: application/json" \
-d '{
  "name": "Bevande",
  "color": "#10b981",
  "sortOrder": 1,
  "description": "Bevande fresche",
  "icon": "drink"
}')

CATEGORY_ID=$(echo $CATEGORY_RESPONSE | jq -r '.id')
echo "Created category: $CATEGORY_ID"

# 2. Create a product in that category
PRODUCT_RESPONSE=$(curl -s -X POST http://localhost:8080/api/products \
-H "Content-Type: application/json" \
-d '{
  "categoryId": \"$CATEGORY_ID\",
  "name\": \"Coca Cola\",
  "description\": \"Bevanda gassata\",
  "price\": 2.50,
  "visibleOn\": {
    \"pos\": true,
    \"app\": true
  },
  "ingredients\": [\"Acqua\", \"Zucchero\"],
  "allergens\": []
}')

PRODUCT_ID=$(echo $PRODUCT_RESPONSE | jq -r '.id')
echo "Created product: $PRODUCT_ID"

# 3. Create an order with that product
ORDER_RESPONSE=$(curl -s -X POST http://localhost:8080/api/orders \
-H "Content-Type: application/json" \
-d '{
  "status\": \"NEW\",
  "source\": \"pos\",
  "channel\": \"counter\",
  "etaMinutes\": 15,
  "customer\": {
    "name\": \"Test Customer\",
    "phone\": \"+39123456789\"
  },
  "items\": [
    {
      "productId\": \"$PRODUCT_ID\",
      "productName\": \"Coca Cola\",
      "quantity\": 2,
      "price\": 2.50
    }
  ]
}')

ORDER_ID=$(echo $ORDER_RESPONSE | jq -r '.id')
echo "Created order: $ORDER_ID"

# 4. Update order status
curl -s -X PATCH http://localhost:8080/api/orders/$ORDER_ID/status \
```

```

-H "Content-Type: application/json" \
-d '{"status": "READY"}'

echo "Updated order status to READY"

# 5. Get all products in category
echo "Products in category $CATEGORY_ID:"
curl -s http://localhost:8080/api/products/category/$CATEGORY_ID | jq '.'

```

Testing with HTTPie (Alternative to curl)

If you prefer HTTPie over curl:

```

# Install HTTPie
pip install httpie

# Create category
http POST localhost:8080/api/categories \
  name="Bevande" \
  color="#10b981" \
  sortOrder:=1 \
  description="Bevande fresche" \
  icon="drink"

# Get all categories
http GET localhost:8080/api/categories

# Create product
http POST localhost:8080/api/products \
  categoryId="your-category-id" \
  name="Coca Cola" \
  description="Bevanda gassata" \
  price:=2.50 \
  visibleOn:='{ "pos":true,"app":true}' \
  ingredients:='["Acqua","Zucchero"]' \
  allergens:='[]'

```