

Confidential

Postmates Developer APIs

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Basics

Our API is exposed as an HTTP/1 service over SSL. All endpoints live under the following URL and follow the REST architecture.

Authentication

Request to any of the Postmates Developer APIs requires authentication by ``HTTP Basic Authentication`` headers. Your API Key should be included as the username while the password should be left blank.

```
Authorization: Basic <API_KEY>
```

The ``Authorization`` header will be a Base64 Encoded String
Example: Y2YyZjJkNmQtYTMxNC00NGE4LWI2MDAtNTA1M2MwYWYzMjY1Og

Failed Authentication

If authentication is unsuccessful for a request, the **error status code** 401 is returned.

Content Type

All ``POST`` data should be encoded with one of the supported standards listed in the table below.

Encoding	Description
<code>`application/x-www-form-urlencoded`</code>	Standard query encoding
<code>`application/json; charset=utf-8`</code>	JSON format, encoded in UTF-8 character encoding

Errors

All API endpoints contain a ``code``, ``kind``, and ``message`` within the error responses, though some API endpoints extend the error object to contain other information. Each endpoint that does this will be documented in their appropriate section.

While we recommend that you write error messages that fit your needs and provide your customers with the best experience, our ``message`` fields are designed to be neutral, not contain sensitive information, and can be safely passed down to user interfaces.

Rate Limits

We limit the number of calls you can make over a certain period of time. Rate limits vary and are specified by the following header in all responses:

Header	Description
<code>`X-RateLimit-Limit`</code>	The maximum number of requests that the consumer is permitted to make.

When the rate limit is **exceeded**, an error is returned with the status “**429 Rate Limited**”.

Types

The following is a list of the types of data used within Postmates Developer APIs.

Name	Definition	Example
Boolean	A type of two possible values representing true or false	<code>`true`</code>
Date	An <u>ISO 8601</u> formatted date and time String expressed in UTC	<code>`2018-08-26T10:04:03Z`</code>
Time	An <u>ISO 8601</u> formatted time, with or without timezone.	<code>`10:04:03Z`</code>
Enum	A String that is constrained to only a few possible valid values	<code>`"A" "B"`</code>
Float	A number with decimals	<code>`12.98`</code>

ID	A unique value to identify resources	<code>`"14D4d332b48c2C0A1e816"`</code>
Integer	A number without decimals	<code>`1298`</code>
List	A data structure with only a list of values separated by a comma	<code>`["A", "12.98", "1298"]`</code>
Object	A data structure with a list of values assigned to a unique key	<code>`{ amount: "12.98" }`</code>
String	A sequence of characters used to represent text	<code>`Postmates`</code>

Catalog API

Sync entire catalogs of items that can be made available for purchase on Postmates. Add and edit item names, prices, modifiers, and more.

How it works

The Catalog API reconciles incoming payloads with the existing information in the Catalog in a batch/offline process. Immediate feedback is given on the validity of the submitted Catalog, but ingestion is performed asynchronously. Callers may poll the status endpoint or supply a callback URL where the Catalog API will POST an update at the end of ingestion.

The ingestion process transitions through these phases, in order:

- ``accepted`` - the Catalog payload is valid and has been queued for ingestion but not started
- ``loading`` - the new and existing Catalogs are being loaded
- ``reconciling`` - the changes between the new and existing Catalogs are being computed
- ``updating`` - items are being updated (e.g. categories, products, modifiers)
- ``succeeded`` - the ingestion has completed successfully

At any point, the process may transition to the failed phase when something goes wrong. If your job reaches this state, please contact Postmates for assistance.

How to use

Create or Update a Catalog

To create or update a Catalog, you must generate a JSON Catalog payload (see below) and make it available via HTTP to the Catalog API for download. We recommend using gzip to compress the generated payload.

Endpoint

POST

/developers/:developer_id/accounts/:account_id/locations/:location_id/catalog/jobs

Request Parameters

Key	Type	Description
location_id	ID	REQUIRED The Postmates Location ID whose Catalog will be synced
source_url	URL	REQUIRED Where to fetch the prepared Catalog
webhook_url	URL	A callback URL where events related to this Catalog will be posted
reference	String	An arbitrary field for your use that will be returned in webhooks

Response

If the Catalog payload has no errors, you will receive the response below with a `202 Created` status.

A `catalog_received` event

```
{
  "kind": "event.catalog_received",
  "id": "xxxxxx123",
  "created": "2018-08-26T10:04:03Z",
  "data": {
    "kind": "catalog_sync_task",
    "update_job_id": "...",
    "location_id": "...",
    "source_url": "...",
    "webhook_url": "...",
    "catalog": { ... },
  },
  "status": "accepted"
}
```

Key	Type	Description
update_job_id	ID	The ID of the created Catalog sync task
location_id	ID	The Postmates Location ID whose Catalog will be synced
source_url	URL	Where the prepared Catalog was fetched from
webhook_url	URL	A callback URL where events related to this Catalog will be posted
catalog	Catalog	The contents of the Catalog that was fetched

If the Catalog payload has errors, you will receive a response like below with a `400 Bad Request` status. The validation errors are flattened into a single object in the params field, where the key is the path into the source catalog to the erroneous input and the value is the validation error that was encountered.

A `catalog_invalid` event

```
{
  "kind": "error",
  "code": "invalid_params",
  "params": {
    "catalog_payload.categories[0].items[0].price_currency": "ABC is not a valid currency",
    "catalog_payload.categories[1].items[0].modifier_groups[0].max_allowed": "must be greater than or equal to minimum allowed",
    "catalog_payload.categories[1].items[0].modifier_groups[0].modifiers[0].price": "is invalid",
    "catalog_payload.categories[1].items[0].modifier_groups[0].modifiers[1].name": "can't be blank",
    "catalog_payload.categories[1].ordinal": "must be greater than or equal to 1"
  }
}
```

Check the Status of a Catalog Ingestion

When your Catalog update has been enqueued, you may call the status URL to check on its progress.

Endpoint

GET

/developers/:developer_id/accounts/:account_id/locations/:location_id/catalog/jobs/:update_job_id

Request Parameters

Key	Type	Description
location_id	ID	The Postmates Location ID for the submitted sync task
update_job_id	ID	The ID of the created Catalog sync task

Response

The response is a JSON object containing the following fields:

Key	Type	Description
kind	String	<code>`catalog_sync_task`</code>
update_job_id	ID	The ID of the Catalog sync task
location_id	ID	The Postmates Location ID for the submitted sync task
webhook_url	URL	Where the Catalog API will callback when ingestion completes
reference	String	An arbitrary field for your use that will be returned in webhooks
state	String	The current state of the sync task, as described above
started_at	Enum	The phase which the job has reached, as described above
loaded_at	Date	When the job was started and transitioned to <code>`loading`</code>
diffed_at	Date	When <code>`loading`</code> completed and the job transitioned to <code>`reconciling`</code>
updated_at	Date	When <code>`reconciling`</code> completed and the job transitioned to <code>`updating`</code>
succeeded_at	Date	When <code>`updating`</code> completed and the job transitioned to <code>`succeeded`</code>
failed_at	Date	When the job transitioned to <code>`failed`</code> , if an error occurred

Receive a Callback

When a Catalog ingest completes (or fails), Postmates Catalog API will send a ``POST`` request to the given ``webhook_url``, if present when the Catalog payload was submitted. The contents of the data field in this request are identical to the response from the status API call.

Endpoint

POST	<code>:webhook_url</code>
-------------	---------------------------

Content-Type: application/json

A ``catalog_sync_complete`` event

```
{
  "kind": "event.catalog_sync_complete",
  "id": "xxxxxxx123",
  "created": "2018-08-26T10:04:03Z",
  "data": {
    "kind": "catalog_sync_task",
    "update_job_id": "...",
    "location_id": "...",
    "webhook_url": "...",
    ...
  },
  "status": "succeeded"
}
```

A `catalog_sync_failed` event

```
{
  "kind": "event.catalog_sync_failed",
  "id": "xxxxxxx123",
  "created": "2018-08-26T10:04:03Z",
  "data": {
    "kind": "catalog_sync_task",
    "update_job_id": "...",
    "location_id": "...",
    "webhook_url": "...",
    ...
  },
  "status": "failed"
}
```

Reference

Catalog

Represents a catalog of items at a place that can be made available for purchase on Postmates.

Key	Type	Description
kind	String	<code>`catalog`</code>
created	Date	Date and time that this catalog was created
updated	Date	Date and time that this catalog was last updated.
categories	CatalogCategory[]	A List of CatalogCategories for this catalog

CatalogCategory

A category to which a ``CatalogItem`` is associated with.

Key	Type	Description
kind	String	<code>`category`</code>
id	ID	REQUIRED A unique identifier for this category
created	Date	Date and time that this category was created
updated	Date	Date and time that this category was last updated. Updates to this category's parent or child objects will not update this timestamp.
name	String	REQUIRED The name of this CatalogCategory. Limited to 100 characters.
ordinal	Integer	An index (greater than 0) used for display order, with lesser values shown first
items	CatalogItem[]	A list of CatalogItems that belong to this category

CatalogItem

An item that can be made available for sale. Items are repeated with metadata such as availability and pricing customizations, and are associated with a specific ``Catalog``.

Key	Type	Description
-----	------	-------------

kind	String	<code>`item`</code>
id	ID	REQUIRED Unique ID of this item. If you are using the Orders API, this should be the identifier you expect in orders you accept.
created	Date	Date and time that this item was created
updated	Date	Date and time that this item was last updated. Updates to this item's parent or child objects will not update this timestamp.
name	String	REQUIRED The display name for this item. Limited to 100 characters.
price	Float	REQUIRED A fixed-precision currency amount, formatted as a string
price_currency	String	A currency code identifying the unit of the price, defaults to "USD"
description	String	A detailed description of this item
ordinal	Integer	An index (greater than 0) used for display order, with lesser values shown first within the containing CatalogCategory
is_available	Boolean	Whether this item is available for purchase
tax_rate	Float	A sales tax rate for this item, calculated as a percentage. For example, a 2.5% tax would be 2.5. This rate overrides the location-level sales tax.
modifier_groups	CatalogModifierGroup[]	A list of CatalogModifierGroups associated with this item
availability	CatalogItemAvailability[]	A list of CatalogItemAvailability windows associated with this item
photo_url	String	A URL for the item photo. Needs to be a valid web URL that is accessible.

CatalogModifierGroup

A List of related ``CatalogModifier`` that can be applied to a ``CatalogItem`` at the time of purchase.

Key	Type	Description
kind	String	<code>`modifier_group`</code>
id	ID	REQUIRED Unique ID of this modifier list. If the same modifier list is being offered across multiple Places, it should use the same ID.

created	Date	Date and time that this modifier list was created
updated	Date	Date and time that this modifier list was last updated. Updates to this modifier list's parent or child objects will not update this timestamp.
name	String	REQUIRED The display name for this modifier list. Limited to 100 characters.
min_allowed	Integer	REQUIRED The minimum number of associated CatalogModifiers that can be applied during checkout, with the least set at <code>`0`</code> . Modifier lists that require at least 1 selection should set this value greater than <code>`1`</code> .
max_allowed	Integer	The maximum number of associated CatalogModifiers that can be applied during checkout, with the least set at <code>`1`</code> . Modifier lists that require an exact number of selections should set this value equal to this modifier list <code>`min_allowed`</code> field. Omitting this value or setting it to <code>`null`</code> implies unlimited selections are allowed.
description	String	A detailed description of this group
ordinal	Integer	An index (greater than 0) used for display order, with lesser values shown first within the containing CatalogItem
modifiers	CatalogModifier[]	The list of CatalogModifiers for this modifier list

CatalogModifier

The catalog modifier can be applied to a CatalogItem at the time of purchase. Catalog modifiers inherit Place association from their parent CatalogModifierList but may their own set of metadata.

Note Postmates supports “nested modifiers” within modifier. This is the default behavior when a CatalogModifier has a value for a List of ``modifier_groups``.

Key	Type	Description
kind	String	<code>`modifier`</code>

id	ID	REQUIRED Unique ID of this modifier. If you are using the Orders API, this should be the identifier you expect in orders you accept.
created	Date	Date and time that this modifier was created
updated	Date	Date and time that this modifier was last updated. Updates to this modifier's parent or child objects will not update this timestamp.
name	String	REQUIRED The display name for this modifier
price	Float	REQUIRED The additional amount of money that will be applied to this modifiers parent CatalogItem price, formatted as a string.
price_currency	String	A currency code identifying the unit of the price, defaults to "USD"
ordinal	Integer	An index (greater than 0) used for display order, with lesser values shown first within the parent ModifierList
modifier_groups	CatalogModifierGroup[]	A List of nested CatalogModifierGroups for this modifier

CatalogItemAvailability

An availability window that restricts the times (in the location's timezone) in which an CatalogItem is available for sale. Availability windows must not overlap. Windows crossing midnight should be expressed as two CatalogItemAvailability objects. Absence of CatalogItemAvailability objects implies that an CatalogItem is available at all times.

Key	Type	Description
kind	String	<code>`availability`</code>
day_of_week	Integer	REQUIRED An index from <code>`0`</code> to <code>`6`</code> , where <code>`0`</code> is Monday and <code>`6`</code> is Sunday.
start_time	Time	REQUIRED When the associated CatalogItem becomes available, inclusive, in the location's local timezone. Formatted as an extended ISO8601 partial-time , e.g. <code>`07:00:00.000`</code>
end_time	Time	REQUIRED When the associated CatalogItem stops being available, exclusive, in the locations's local timezone. Formatted as an extended ISO8601 partial-time , e.g. <code>`10:30:00.000`</code>

Order API

Postmates is adding the ability to accept and manage pickup and delivery orders created on the Postmates Marketplace.

Note The following is subject to change before and during the launch of the API.

Limitations

- **Orders cannot be cancelled after submitted.** Once an order's status has been updated to ``submitted``, it cannot be cancelled using the Orders API. If you need to cancel, you will need to contact Postmates Customer Service.
- **Delivery status updates are not available.** Events for the Order API are scoped to the Order. Meaning that notifications regarding the status of the Delivery—including the status of a Postmate nearing the pickup or dropoff location—are not supported.

How it works

The orders interaction model is based on webhook events that you will subscribe to followed by a POST to the orders endpoint.

- The first event fired will be ``order_created`` to let you know a new order was created on the Postmates marketplace.
- If this order can be accepted and successfully sent to the Point of Sale, you will POST to the orders endpoint to update the order status to ``submitted`` along with the estimated ready time.
- If the order failed validation or has another issue—such as an unavailable item—you will POST to the orders endpoint to set the status to ``failed`` along with errors denoting the failures.

How to use

Receive an Order

To receive new orders from the Postmates Marketplace, you will need to register a webhook URL that Postmates can notify. When an order is created, Postmates will create an **Event** object.

The `event.order_created` event contains all of the relevant information about a newly created order.

Key	Type	Description
kind	String	<code>event.order_created</code>
id	ID	Unique ID of this event
created	Date	Date and time that this event was created
order_id	ID	Unique ID of this order
status	OrderStatusType	<code>created</code>
data	Order	Object containing all of the data for this order

```
{
  "kind": "event.order_created",
  "id": "xxxxxx123",
  "created": "2018-08-26T10:04:03Z",
  "data": {
    "kind": "order",
    "status": "created",
    "order_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
    "external_order_id": null,
    "place_details": {
      "place_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
      "external_place_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
      "timezone": "America/New_York",
    },
    "pickup_details": {
      "display_name": "FirstName LastInitial",
      "order_number": 555,
      "estimated_ready_time": null,
    }
  }
}
```



```

    },
    "subtotal": 10.00,
    "tax": 0.85,
    "items": [
      {
        "id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
        "external_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
        "name": "Mongolian",
        "category_name": "Rice Bowls",
        "base_price": 0.00,
        "quantity": 1,
        "modifier_lists": [ ]
      }
    ],
    "errors": null
  },
  "order_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
  "status": "created"
}

```

Update an Order

Once you've received a notification that a newly created order is available, you will update the status of the order as either `submitted` or `failed`, along with relevant metadata updated. Postmates will then notify your registered webhook URL with an `event.order_updated` event.

Note The orders endpoint will respond with a **200 success** or a **generic error**. You will need to register a webhook url to receive `event.order_updated` events in response to your order status updates.

Endpoint

POST

/v1/orders/:order_id

Request Parameters

Key	Type	Description
status	<u>OrderStatusType</u>	`submitted` or `failed`
kind	string	`event.order_updated`
id	<u>ID</u>	ID of this event.
order_id	ID	Unique ID of this order.
data	<u>Order</u>	Object containing all of the data for this order
data.kind	string	`order`
data.order_id	ID	Unique ID of this order
data.external_order_id	ID	The ID of the order used by the external system.
data.pickup_time	Date	If the status is `submitted`, include the time the order will be ready to pick up. <u>ISO 8601</u> formatted date and time String expressed in UTC.
data.errors	<u>Error[]</u>	If the status is `failed`, include a List of <u>Errors</u> that represent the failures.

Response

The `event.order_updated` event contains all of the relevant information about a recently updated order. This could include additional information—like a customer’s selected substitution choice—so it’s recommended to subscribe to this event.

Key	Type	Description
kind	String	`event.order_updated`
id	ID	Unique ID of this event
created	Date	Date and time that this event was created
order_id	ID	Unique ID of this order
status	<u>OrderStatusType</u>	`submitted` or `failed`
data	<u>Order</u>	Object containing all of the data for this order

A **submitted** ``order_updated`` event

```
{
  "kind": "event.order_updated",
  "id": "xxxxxx123",
  "created": "2018-08-26T10:04:03Z",
  "data": {
    "kind": "order",
    "status": "submitted",
    "order_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
    "external_order_id": "22d4d332-222b-22a3-b22f-48c2c0a1e222",
    "pickup_time": "2018-08-26T10:04:43Z",
    "errors": null
  },
  "order_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
  "status": "submitted"
}
```

A **failed** ``order_updated`` event

```
{
  "kind": "event.order_updated",
  "id": "xxxxxx123",
  "created": "2018-08-26T10:04:03Z",
  "data": {
    "kind": "order",
    "status": "failed",
    "order_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
    "external_order_id": "22d4d332-222b-22a3-b22f-48c2c0a1e222",
    "estimated_ready_time": null,
    "errors": [
      {
        "id": "4d4d332-919b-46a3-b18f-48c2c0a1e816",
        "error": "item_unavailable",
        "items": [ ... ],
        "message": "The item is currently unavailable",
      }
    ]
  },
  "order_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
  "status": "failed"
}
```

```
}
```

Reference

Order

The following properties represent an Order across the Postmates platform.

Key	Type	Description
kind	String	All orders will share the value of <code>`order`</code>
status	OrderStatusType	Status of the order. This is will be either <code>`created`</code> , <code>`submitted`</code> , or <code>`failed`</code> .
order_id	ID	Postmates unique ID of this order. This ID should be used as an idempotency key.
external_order_id	ID	The provider's (you) unique ID of this order. This ID should be used as an idempotency key. This cannot be <code>`null`</code> if the OrderStatusType is set to <code>`submitted`</code> .
place_details	Container	Contains details about the place
place_details.place_id	ID	Unique ID of the place receiving the order
place_details.external_place_id	ID	Unique ID of the place used by the external system
pickup_details	Container	Contains details about the pickup order
pickup_details.customer_name	String	The first_name and (sometimes) last_name_initial of the customer
pickup_details.pickup_time	Date	The time the order is ready for pick up, formatted as an <u>ISO 8601</u> date and time String expressed in UTC.
pickup_details.order_number	Integer	A 3-digit Integer ranging from 100 to 999 that customers (for pickup orders) and Postmates (for delivery order) will use to identify themselves when picking up an order in-store. Must be visible on the receipt.

subtotal	Float	The sum of item base_price and modifier price in the order
tax	Float	The sales tax that was collected for the order
items	OrderItem[]	A List of OrderItems associated with this order
errors	Error[]	A List of Errors associated with this order. This cannot be <code>`null`</code> if the OrderStatusType is set to <code>`failed`</code> .

OrderStatusType

Represents the current status of an order. Order status should be checked during each interaction with the API.

Status	Description
<code>`created`</code>	This order was created on the Postmates Marketplace
<code>`submitted`</code>	This order was successfully sent and accepted by the seller
<code>`failed`</code>	This order cannot be fulfilled due to errors such as out-of-stock items, incorrect prices, etc

OrderItem

Represents the items in the order. Each OrderItem is a different product being purchased along with its own quantity and any modifiers selected by the customer.

Key	Type	Description
id	ID	The CatalogItem ID of this item
external_id	ID	The ID of the CatalogItem used by the external system
category_name	String	The name of this item's CatalogCategory
name	String	The name of this item
quantity	Integer	The quantity purchased of this item
base_price	Float	The base price charged for this item
modifier_lists	OrderItemModifierList []	A List of CatalogItemModifierLists applied to this item

OrderItemModifier

Represents the modifiers chosen to be applied by the customer.

Note Postmates supports “nested modifiers” within modifier lists. This is the default behavior when a CatalogModifier has a value for a List of `modifier_lists`.

Key	Type	Description
id	ID	The CatalogModifier ID of this modifier
external_id	ID	The ID of the CatalogModifier used by the external system
price	Float	The price of this modifier
name	String	The name of this modifier
modifier_lists	<u>OrderItemModifierList</u> []	A List of CatalogModifierLists applied to this item if nested options were applied

OrderItemModifierList

Represents a List of modifiers chosen to be applied by the customer.

Key	Type	Description
name	String	The CatalogModifierList name of this modifier list
modifiers	<u>OrderItemModifier</u> []	The CatalogModifiers applied to this modifier list

Example with 2 options

```

{
  "kind": "order",
  "status": "created",
  "order_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
  "external_order_id": "xxxxxx123",
  "place_details": {
    "place_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
    "external_place_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
    "timezone": "America/New_York",
  },
  "pickup_details": {
    "display_name": "FirstName LastInitial",
    "order_number": 555,
    "estimated_ready_time": null,
  },
  "subtotal": 10.00,
  "tax": 0.85,
  "items": [
    {
      "id": "46d229a9-0d95-4e4c-a135-dc068dbd29f3",
      "external_id": "46d229a9-0d95-4e4c-a135-dc068dbd29f3",
      "name": "Mongolian",
      "category_name": "Rice Bowls",
      "base_price": 0.00
      "quantity": 1,
      "modifer_lists": [
        {
          "name": "Protein Option",
          "modifiers": [
            {
              "id": "c39e84c8-15eb-41dc-9512-aabb13534a0d",
              "external_id": "57841aab-6861-421d-b593-a8852bf32627",
              "price": 8.99,
              "name": "Chicken"
            }
          ]
        }
      ],
    },
    {
      "name": "Rice Option",
      "modifiers": [
        {
          "id": "57841aab-6861-421d-b593-a8852bf32627",
          "external_id": "57841aab-6861-421d-b593-a8852bf32627",
          "price": 0.00,
          "name": "White Rice"
        }
      ]
    }
  ]
}

```

```

    ]
  }
]
}
],
errors: null
}

```

Example with nested options

```

{
  "kind": "order",
  "status": "created",
  "order_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
  "external_order_id": "xxxxxx123",
  "place_details": {
    "place_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
    "external_place_id": "14d4d332-919b-46a3-b18f-48c2c0a1e816",
    "timezone": "America/New_York",
  },
  "pickup_details": {
    "display_name": "FirstName LastInitial",
    "order_number": 555,
    "estimated_ready_time": null,
  },
  "subtotal": 10.00,
  "tax": 0.85,
  "items": [
    {
      "id": "46d229a9-0d95-4e4c-a135-dc068dbd29f3",
      "external_id": "46d229a9-0d95-4e4c-a135-dc068dbd29f3",
      "name": "Mongolian",
      "category_name": "Rice Bowls",
      "base_price": 0.00
      "quantity": 1,
      "modifier_lists": [
        {
          "name": "Size",
          "modifiers": [
            {
              "name": "Regular",

```



```

    "price": 0.00,
    "modifier_lists": [
      {
        "name": "Protein Option",
        "modifiers": [
          {
            "id": "c39e84c8-15eb-41dc-9512-aabb13534a0d",
            "external_id": "c39e84c8-15eb-41dc-9512-aabb13534a0d",
            "price": 8.99,
            "name": "Chicken"
          }
        ]
      },
      {
        "name": "Rice Option",
        "modifiers": [
          {
            "id": "57841aab-6861-421d-b593-a8852bf32627",
            "external_id": "57841aab-6861-421d-b593-a8852bf32627",
            "price": 0.00,
            "name": "White Rice"
          }
        ]
      }
    ]
  }
}

```

Error

Represents the reason an order was not successful.

Key	Type	Description
id	ID	Unique ID of this error event

error	enum	The error code for the error. Must be one of: <code>`item_unavailable`</code> , <code>`merchant_closed`</code> or <code>`submit_order_failure`</code>
error.items	uuid	An array of Item / Modifiers that are unavailable. Required when error is <code>`item_unavailable`</code> .
message	string	A description of the error.

An ``item_unavailable`` error

```
"errors": [
  {
    "id": "4d4d332-919b-46a3-b18f-48c2c0a1e816",
    "error": "item_unavailable",
    "items": [
      "46d229a9-0d95-4e4c-a135-dc068dbd29f3",
      "c39e84c8-15eb-41dc-9512-aabb13534a0d"
    ],
    "message": "The item is currently unavailable",
  }
]
```

Events

Reference

Event

All events contain a ``kind``, ``id``, ``created``, and ``data``. Some APIs extend the event object to contain other information. Each API that does this will be documented in their appropriate section.

Key	Type	Description
kind	String	Description of the event. (eg <code>`event.order_created`</code> or <code>`event.order_updated`</code>)
id	ID	Unique ID of this event
created	Date	Date and time that this event was created
data	Object	Object containing data associated with the event

Example of the ``order_created`` event

```
{
  "kind": "event.order_created",
  "id": "xxxxxx123",
  "created": "2018-08-26T10:04:03Z",
  "data": {
    "kind": "order",
    "id": "xxxxxx123",
    "status": "placed",
    "timezone": "America/New_York",
    "place_id": "3063694b-65a0-432a-8b60-5cd4b51db5d9",
    "order_id": "b8e17348-0e86-4eeb-aa1f-607ac36ac0d9",
    "order_number": 111,
    "display_name": "First_Name Postmates",
    "items": [
      {
        "id": "2379ae96-6fb6-4757-ba93-c97312d7a0f7",
        "external_id": "2379ae96-6fb6-4757-ba93-c97312d7a0f7",
        "name": "Mongolian",
        "category_name": "Rice Bowls",
        "base_price": 0.00,
        "quantity": 1,
        "option_groups": [ ]
      }
    ]
  },
  "order_id": "b8e17348-0e86-4eeb-aa1f-607ac36ac0d9",
  "status": "placed"
}
```

EventType

This is a list of all the types of events we currently send. We may add more at any time, so in developing and maintaining your code, you should not assume that only these types exist.

Kind	Describes	Description
<code>`order_created`</code>	Order	Occurs when an order is created
<code>`order_updated`</code>	Order	Occurs when an order is updated
<code>`catalog_updated`</code>	Catalog	Occurs when a catalog is updated
<code>`delivery_status`</code>	Delivery	Occurs when the status of a delivery changes
<code>`delivery_returned`</code>	Delivery	Occurs a delivery has been returned to the pickup location
<code>`courier_update`</code>	Postmate	Occurs when the status of the Postmate completing a delivery changes

Errors

These error codes are consistent for all endpoints.

Bad Request

There was an error with the request, the ``error.message`` would contain information about the issue. This is often due to a missing argument or parameter.

```
{
  "error": {
    "code": "400",
    "kind": "bad_request",
    "message": "An english description of what went wrong"
  }
}
```

```
}
```

Unauthorized

You're not authorized to use the endpoint. This usually happens due to missing or incorrect API Key.

```
{
  "error": {
    "code": "401",
    "kind": "unauthorized",
    "message": "Not authorized"
  }
}
```

Not Found

The endpoint you're requesting does not handle the method you defined.

```
{
  "error": {
    "code": "404",
    "kind": "not_found",
    "message": "Not found"
  }
}
```

Rate Limited

You exceeded the maximum allotted requests. The limit of request is per endpoint basis so you could continue using another endpoints even if some of them give you this error.

```
{
  "error": {
    "code": "429",
    "kind": "rate_limited_exceeded",
    "message": "Rate limit exceeded"
  }
}
```

Internal Server Error

There was a problem processing your request.

```
{
  "error": {
    "code": "500",
    "kind": "internal_server_error",
    "message": "An unexpected error occured"
  }
}
```

Service Unavailable

The endpoint you are trying to access is not currently available. You'll need to try again later.

```
{  
  "error": {  
    "code": "503",  
    "kind": "service_unavailable",  
    "message": "The service is not available"  
  }  
}
```