Technical Documentation Guidelines

- Purpose
- API document prerequisites
 - MDX Markdown, HTML5 Markup, YAML, and ReactJS Components
 - A modern Independent Development Environment (IDE) tool
 - Git
- TomTom SDK Documentation
- API document workflow and publication process
- API MDX Markdown document formats
 - API MDX Markdown FAQ page template
 - API MDX Markdown Introduction page template
 - API MDX Markdown Endpoint page template
 - O API MDX Markdown Service page template
 - API MDX Markdown Release Notes page template
 - API MDX Markdown Market Coverage page template
 - o API MDX Markdown HTTP Headers page template
 - API MDX Markdown HTTP Response Codes page template
 - API YAML navigation.yml page template
 - API YAML top-navigation.yml page template

Purpose

This document outlines the creation of technical documents for the TomTom API suites. It gives you the React MDX Markdown templates designed for Github and Gatsby with the layout and structure of a document.

API document prerequisites

MDX Markdown, HTML5 Markup, YAML, and ReactJS Components

The creation and editing of technical API documents require the use of the following language tools:

- · ReactJS MDX Markdown
- HTML5
- YAML
- ReactJS Components

A modern Independent Development Environment (IDE) tool

This can be Visual Studio Code, Notepad ++, etc. You will use these IDE text editors to create and edit your content in HTML5 and MDX Markdown.

Download and install a version that suits your operating system:

- Visual Studio Code downloads
- Notepad ++ downloads

Git

Download and install the latest version of Git that suits your computer's operating system: Git downloads

Use Git to:

- Clone master repositories from Github to your local machine.
- Pull updates from Github.
- Create Branches in your local machine.
- Push your edited and committed files back to Github.

TomTom SDK Documentation

TomTom SDK documentation follows a different pattern, tools, and workflow.

- SDK documents are authored in Asciidoc and then put through a 3rd Party tool to transform the asciidoc format into MDX Markdown format.
- SDK documents are also kept in Github repositories, like API documents.
- . Contact David Lambright (David.Lambright@tomtom.com) for the SDK documentation process, tools, and workflow.

API document workflow and publication process

- TW Technical Writer (Frank Palinkas)
- PO/PM Product Owner/Product Manager (please note that both the PO/PM and the team means the back-end team responsible for the API /SDK, not the Developer Portal team)
- PR Pull Request

The process has two paths depending on the change.

- 1. Update of the existing pages
 - a. The team creates a new PR branch and a PR to the `develop` branch in the documentation repository on Github, with added or modified documentation pages, where:
 - The branch name contains the type of change for example: `feature/update-map-display-api-added-x` and Jira issue number if it exists (optional).
 - ii. The PR title contains the source and destination branch names (nice to have), for example: `feature/NAV-12345 develop Added Map Display API example page.`.
 - b. **optional step** if you would like to have our TW (Frank Palinkas) review the content before the publication, please add him to the JIRA ticket on your board, and appoint him as a Reviewer in the GitHub Pull Request.
 - c. The PO/team merges the PR to `develop` in GitHub.
 - This will cause an automatic rebuild for content pages on the Gatsby Staging environment (https://developer-staging.tomtom.com)
 - d. The PO/team creates the release PR and merges it to `master`, find this here how to do this.
 - i. This will cause an automatic rebuild for content pages on the Gatsby Production environment (https://developer.tomtom.com)

2. Adding new content (publishing a new API endpoint)

- a. The PO/PM/team creates a DP Jira ticket (in the Jira DP Space) detailing their actions and planned production publication date.
 - i. Jira details:
 - 1. project=Developer Portal
 - 2. Type of ticket = Task
 - 3. add a label "publications" to the label field in the ticket
 - 4. Choose the 'Ready for the Kanban Board' option
- b. The PO/PM/team creates a new branch and PR to the `develop` branch in the documentation repository on Github, with added or modified documentation pages, where:
 - The branch name contains the type of change and ticket number, for example: `feature/DP-12345`, `feature/DP-12345-update-map-display-api-added-x`
 - ii. The PR title contains the source and destination branch names (nice to have), for example: `feature/DP-12345 develop Added Map Display API example page.`.
- c. The PO/team changes the Jira ticket status to 'Ready for Review'.
- d. The TW (if appointed as a Reviewer) reviews and suggests content and formatting changes in the pages in the Github Pull Request.
- e. The PO/team applies the TW's suggested changes to the pages.
- f. The TW approves the PR content changes made by the PU, then moves the Jira ticket to 'Ready for testing' status.
- g. When the Pull Request gets approved and all Github Actions are successfully finished, the PO/team (or the TW) merges the PR in GitHub to the develop branch.
 - This will cause an automatic rebuild for content pages on the Gatsby Staging environment (https://developer-staging.tomtom. com).
 - 1. You can see the status of the running job with its content rebuild on Slack channel (#tobedefined).
- h. The PO/Team checks/reviews the pages rendered in the Gatsby Staging environment (https://developer-staging.tomtom.com/).
- i. The PO/Team creates a Pull Request from the pages which they want to publish (to do that, all changes already need to be in the "develop/Gatsby Staging" repo), find out here how to do this.
 - i. If approval of the Developer Portal team is required, they will be added as reviewers.
- j. The PO/Team moves the DP Jira ticket to `Ready for Deploy` status
- k. When the Pull Request gets approved by the TW, the PO/Team (and/or DP team member) merges the PR to the `master/Gatsby Publication` branch which means content release to the public, or to specific TomTom clients.
 - The change will be picked up automatically by a Jenkins job, and the content on Gatsby production (https://developer.tomtom.com) will be rebuilt.
- I. The Jira ticket is closed.

API MDX Markdown document formats

Important notes:

- All API documents (except the navigation.yml and top-navigation.yml files) must have a filename ending with .mdx. Standard Markdown is no longer used - only ReactJS MDX Markdown.
- · Comments in the following templates are preceded by two forward slashes "//" to help you understand the doc structure and needed input.
 - Delete them and the comments/directions following them when using a template to build a new page.
- Templates are built using four format languages:
 - MDX Markdown
 - ° HTML5
 - YAML
 - ReactJS Components
- · Data tables within the documents are built with HTML5 because of their easy editing and readability.

API MDX Markdown FAQ page template

API MDX Markdown FAQ page template title: FAQ titleTags: - label: 'Service version: ##' color: grey5 - label: 'Last edit: YEAR.MO.DA' color: grey5 ## Frequently asked questions ### *Put your question here?* //this is italicized Put your answer here. ### *Put your question here?* //this is italicized Put your answer here. ### *Put your question here?* //this is italicized Put your answer here. - Bullet point. - Bullet point. - Bullet point.

API MDX Markdown Introduction page template

API MDX Markdown Introduction page template

```
title: Introduction
titleTags:
 - label: 'Service version: \mathbf{x}^{_{1}} // Enter the product service version number here.
 - label: 'Last edit: xxxx.xx.xx' // Enter the last edit date here. Use the year.month.day format
   color: grey5
// Add/edit the following content data.
## What is TomTom's xxxxx API?
xxxxxx consists of the following RESTful API services with endpoints:
<DocsArticles // Note: this is a React.js Component. Enter the respective data.</pre>
 articles={[
     title: "xxxxx service", // Enter the name of the service.
     body: "xxxxx", // Enter a short description of the service.
     button: {
       label: "xxxxx", // Enter the name of the service.
       \verb|href: "/xxxxx/xxxxx/xxxxxx" // Enter the path to the service intro page.
     }
   },
     title: "xxxxx service", // Enter the name of the service.
     body: "xxxxx", // Enter a short description of the service.
     button: {
       label: "xxxxx", // Enter the name of the service.
       href: "/xxxxx/xxxxx/xxxxx/xxxxx" // Enter the path to the service intro page.
     }
   },
     title: "xxxxx service", // Enter the name of the service.
     body: "xxxxx", // Enter a short description of the service.
     button: {
       label: "xxxxx", // Enter the name of the service.
       href: "/xxxxx/xxxxx/xxxxx/xxxxx" // Enter the path to the service intro page.
     }
   },
     title: "xxxxx API Market Coverage",
     body: "Provides a list of all countries supported by the xxxxx API engine.",
     button: {
       label: "xxxxx API Market Coverage",
       href: "/xxxxx-api/documentation/product-information/market-coverage"
 ] }
## Getting started // Note: this is a React.js Component - edit Step 4 and Step 5 with the appropriate content.
1. To get your API Key, you first need to be registered for the TomTom Developer Portal. If you don't have an
account, no worries! <a href="https://developer.tomtom.com/member/register" target="_blank">Register</a> / <a
href="https://developer.tomtom.com/user/login" target="_blank">Sign in</a> now before continuing.
2. Once you are registered, go to your <a href="https://developer.tomtom.com/user/me/apps" target="_blank"
>Dashboard</a> and locate the API Key that you would like to use (we've created the first one for you, it's
called My first API Key).
3. Read the documentation and start coding.
4. Consider using the TomTom xxxxx for <a href="https://developer.tomtom.com/xxxxx" target="_blank">xxxxxx</a>.
5. Check related <a href="https://developer.tomtom.com/blog/tag/xxxxx" target="_blank">Blog articles</a> for
further information.
<GettingStarted />
```

API MDX Markdown Endpoint page template

API MDX Markdown Endpoint page template

```
title: 'Endpoint 1'
titleTags:
 - label: 'Service version: 1'
  color: grey5
 - label: 'Last edit: 2023.00.00'
   color: grey5
## Purpose
This endpoint is used to .....
## Request data
### HTTPS Method: `GET`
* Constants and parameters enclosed in curly brackets `{ }` **must be replaced** with their values.
* Please see the following [Request parameters](#request-parameters) section with the required and optional
parameters tables for their values. The generic request format is as follows.
```markdown [type=get] [title=URL request format]
https://{baseURL}/xxxxx/{versionNumber}/xxxxx/{query}.{ext}?key={Your_API_Key}
```markdown [type=get] [title=URL request example]
https://{baseURL}/xxxxx/{versionNumber}/xxxxx/{query}.{ext}?key={Your_API_Key}
```markdown [type=get] [title=curl command request example]
curl 'https://{baseURL}/xxxxx/{versionNumber}/xxxxx/{query}.{ext}?key={Your_API_Key}'
Request parameters
The following table describes the parameters that can be used in a request.
- Required parameters **must** be used or the call will fail.
- Optional parameters may be used.
- If there is a default value that will be assumed when an optional parameter is not used, it is shown in the
- The order of request parameters is not important.
<thead>
 Required parameters
 Parameter
 Description
 </thead>
 <code>baseIIRI</code>
 string
 >
 Base URL for calling the API.
 Value: <code>api.tomtom.com</code>
```

```
<code>versionNumber</code>
 string
 Service version.
 Value: The current value is <code>2</code>.
 <code>key</code>
 string
 An API Key valid for the requested service. See: [How do I get a TomTom API Key?]
(https://developer.tomtom.com/how-to-get-tomtom-api-key)
 Value: Your valid API Key.
 <code>param name</code>
 datatype
 Description xxxxx
 Value: xxxxx
 <l
 xxxxx
 xxxxx
 Optional parameters
 Description
 <code>param name</code>
 datatype
 Description
 Default value: <code>xxxxx</code>
 <code>param name</code>
 datatype
 Description
 Default value: <code>xxxxx</code>
 <t.r>
 <code>param name</code>
 datatype
 Description
 Default value: <code>xxxxx</code>
```

```
Request headers
The following data table describes HTTP request headers of particular interest to the [Endpoint 1](xxxxxxxx)
client.
- Required headers must be used or the call will fail.
- Optional headers may be used.
- The order of request headers is not important.
<thead>
 Optional headers
 Description
 </thead>
 [Accept-Encoding](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Accept-Encoding)
 < t.d >
 Requests that the response be compressed.
 Value: <code>gzip</code>
 </t.d>
 [Content-Encoding](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Encoding)
 Specifies the used compression of the request body. Currently, only
 <code>gzip</code> is supported. If not specified, no compression is
 assumed. This is equal to specifying <code>identity</code>.
 Note: This header is optional and can only be used for
 <code>POST</code> requests.

 Values:
 <l
 <code>identity</code>
 <
 <code>gzip</code>
 </t.d>
 [Content-Type](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Type)
 <t.d>
 Specifies the MIME type of the body of the request.
 Note: This header is required for <code>POST</code> requests.

 Value: <code>application/json</code>
 Tracking-ID
 <t.d>
```

```
Specifies an identifier for the request.
 <l
 The value should be unique for each request.
 <1i>>
 The value must match the regular expression
 <code>'^[a-zA-Z0-9-]{1,100}$'</code>.
 <1i>>
 If specified, the same value is sent back in the similar-named
 response header. Otherwise, a generated value may be sent back.
 ## Response data
Response body
For illustrative purposes the example below is neatly indented and includes all possible response fields.
Actual responses are more compact and the fields present will vary based on the result type and the data
available. See the following response fields documentation for more information.
<Accordion label="Response body - JSON" isClosed>
```json
{
  "additionalData": [
     "providerID": "00004145-3100-3c00-1110-000023c34641",
     "error": "Requested geometry not found"
      "providerID": "00004145-3100-3c00-0000-000023c34645",
      "geometryData": {
       "type": "FeatureCollection",
        "features": [
            "type": "Feature",
            "properties": {},
            "geometry": {
             "type": "Polygon",
              "coordinates": [
               [
                 [-58.618436, -34.546888],
                 [-58.618162, -34.547092],
                 [-58.617562, -34.547538],
                 [-58.616396, -34.548406],
                 [-58.615583, -34.549011],
                 [-58.612135, -34.5516584],
                 [-58.6114201, -34.5526017],
                 [-58.6108784, -34.5530107],
                 [-58.6105212, -34.5532873],
                 [-58.6098298, -34.5537771],
                 [-58.609559, -34.553973],
                 [-58.608954, -34.5544455],
                 [-58.6086543, -34.5546817],
                 [-58.607888, -34.5552463],
                 [-58.6077382, -34.5553731],
                 [-58.6068163, -34.5561048],
                 [-58.6060671, -34.5566521],
                  [-58.6053463, -34.5571967],
                 \hbox{\tt [-58.6045748, -34.5577815],}
                 [-58.6039179, -34.5582827],
                 [-58.6037623, -34.5584037],
                 [-58.6031631, -34.558905],
                 [-58.6028692, -34.5591125],
```

[-58.618436, -34.546888]

1

```
"id": "00004145-3100-3c00-0000-000023c34645"
   ]
  }
 }
]
</Accordion>
### Response fields
The following table describes all of the fields that can appear in a response. Fields are listed by:
- The response section they belong to.
- The order that they appear in the response.
<thead>
   <t.r>
    Primary fields
   Field
    Description
</thead>
<t.r>
    <code>object name</code>
       *object*
    Description
   <t.r>
    <code>array name</code>
       *array*
    Description
   xxxxx object
   Field
    Description
   <code>xxxxx</code>
       *datatype*
    Description
   <code>xxxxx</code>
       *datatype*
    Description
   <code>xxxxx</code>
       *datatype*
```

```
Description
    ### Response codes
<t.head>
    >Code
    Meaning and possible causes
    </thead>
 <code>200</code>
     OK: The search successfully returned zero or more results.
    <code>400</code>
     Bad request: One or more parameters were incorrectly specified.
    <code>403</code>
        Forbidden: Possible causes include:
        <111>
         Service requires SSL
         Not authorized
         Rate or volume limit exceeded
         Unknown referer 
        </t.d>
     405 < code > 
     Method Not Allowed: The HTTP method (<code>GET</code>, <code>POST</code>, etc.) is not supported
for this request.
    <t.r>
     <code>404/596</code>
     Not Found: The HTTP request method (<code>GET</code>, <code>POST</code>, etc.) or path is
incorrect.
    <code>429</code>
     Too Many Requests: The API Key is over QPS (Queries per second).
    <code>5xx</code>
     Server Error: The service was unable to process your request. Contact support to resolve the
issue.
    ### Response headers
The following data table contains response headers sent back from an API server.
<thead>

}
     Description
 </thead>
 <t.r>
```

```
[Access-Control-Allow-Origin](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Access-
Control-Allow-Origin)
         <t.d>
              Ensures that clients implementing the [CORS security model](https://developer.mozilla.org/en-US
/docs/Web/HTTP/CORS) are able to access the response from this service.
              Value: An asterisk <code> * </code> that signifies access to the TomTom API using the Access-
Control-Allow-Origin (ACAO) header in its response indicating which origin sites are allowed.
       <t.r>
         [Content-Type](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Type)
               Indicates the format of the response as chosen by the client. Format: <code>type/subtype;
charset=utf-8</code>
              Value: <code>type/subtype</code> is one of:
               <111>
                <code>application/json</code>
                <code>text/javascript</code>
                <code>text/xml</code>
               >
         [Content-Encoding](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Encoding)
/th>
         < t.d >
              If requested by the client, the Search service applies gzip compression to the responses with
the [Accept-Encoding](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Accept-Encoding) header.
              Value: <code>gzip</code>
         Tracking-ID
              An <code>identifier</code> for the request. If the [Tracking-ID](#trackingid-request) header
was specified, it is replicated in the response. Otherwise, it is generated automatically by the service. It is
only meant to be used for support and does not involve tracking of you or your users in any form.
              Value: An <code>identifier</code> for the request.
         </t.d>
       ### Error response
The error response content type depends on the `ext` parameter.
#### Error response example (JSON)
```json [title=Error response example - JSON]
 "errorText":"Error parsing 'language': Language tag 'en-ES' not supported",
 "detailedError":{
 "code": "BadRequest",
 "message": "Error parsing 'language': Language tag 'en-ES' not supported",
 "target": "language"
 },
 "httpStatusCode": "400"
Error response example (XML)
```json [type=get] [title=Error response example - XML]
<?xml version="1.0" encoding="UTF-8" ?>
<response>
 <errorText>Error parsing 'language': Language tag 'en-ES' not supported/errorText>
 <detailedError>
       <code>BadRequest</code>
       <message>Error parsing 'language': Language tag 'en-ES' not supported</message>
       <target>language</target>
```

```
</detailedError>
<httpStatusCode>400/httpStatusCode>
</response>
### Error response fields
<thead>
    Primary fields
   Field
   Description
</thead>
<code>xxxxx</code>
      *datatype*
    Description
   <t.r>
    <code>xxxxx</code>
      *datatype*
    Description
   <code>xxxxx</code>
      *datatype*
    Description
   xxxxx object
   Field
    Description
   <code>xxxxx</code>
      *datatype*
    Description
   <code>xxxxx</code>
      *datatype*
    Description
   <t.h>>
      <code>xxxxx</code>
      *datatype*
    Description
```

API MDX Markdown Service page template

API MDX Markdown Service page template

```
title: xxx service // Enter the service name here, for example "Configuration".
titleTags:
 - label: 'Service version: \mathbf{x}^{_{1}} // Enter the product service version number here.
 - label: 'Last edit: xxxx.xx.xx' // Enter the last edit date here. Use the year.month.day format
   color: grey5
## Purpose
The xxxxx API xxxxx service is used to xxxxx.
The xxxxx service provides xxxxx and xxxxx.
### xxxxx service endpoints // Enter the name of the service. Note: the following code is a React.js Component.
<DocsArticles
 articles={[
     title: "xxxxx", // Enter the name of the endpoint.
     body: "xxxxx", // Enter a short description of the endpoint.
     button: {
       label: "xxxxx", // Enter the name of the endpoint.
       href: "/xxxxx/xxxxx/xxxxx/xxxxx" // Enter the path to the endpoint's page.
     }
    },
     title: "xxxxx", // Enter the name of the endpoint.
     body: "xxxxx", // Enter a short description of the endpoint.
     button: {
       label: "xxxxx", // Enter the name of the endpoint.
       href: "/xxxxx/xxxxx/xxxxxx" // Enter the path to the endpoint's page.
     title: "xxxxx", // Enter the name of the endpoint.
     body: "xxxxx", // Enter a short description of the endpoint.
     button: {
       label: "xxxxx", // Enter the name of the endpoint.
       href: "/xxxxx/xxxxx/xxxxx/xxxxx" // Enter the path to the endpoint's page.
     title: "xxxxx", // Enter the name of the endpoint.
     body: "xxxxx", // Enter a short description of the endpoint.
     button: {
       label: "xxxxx", // Enter the name of the endpoint.
       \verb|href: "/xxxxx/xxxxx/xxxxxx" // Enter the path to the endpoint's page.
     }
    },
     title: "xxxxx", // Enter the name of the endpoint.
     body: "xxxxx", // Enter a short description of the endpoint.
     button: {
       label: "xxxxx", // Enter the name of the endpoint.
       href: "/xxxxx/xxxxx/xxxxxx" // Enter the path to the endpoint's page.
    },
 ]}
Please use the navigation menu on the left-side of each page to find the topic and data you need.
```

API MDX Markdown Release Notes page template

API MDX Markdown Release Notes page template title: XXXXXXX API Release Notes // Enter the name of the API here. titleTags: - label: 'Service version: X' // Enter the product service version number here. color: grey5 - label: 'Last edit: XXXX.XX' // Enter the last edit date here. Use the year.month.day format color: grey5 ## Overview This TomTom Release Notes page records the release date with changes and bug fixes associated with a product release. The release dates are in descending order starting with the most recent update. Map data is released twice a week. ### Release date: 2023.xx.xx **Changes: ** - [Endpoint name](https://developer.tomtom.com/xxxxxx/): // Enter the endpoint name and link. - // Give a short description of the change - Added, Removed, Deprecated, Improved, etc. - [Endpoint name](https://developer.tomtom.com/xxxxxx/): // Enter the endpoint name and link. - // Give a short description of the change - Added, Removed, Deprecated, Improved, etc. ### Release date: 2023.xx.xx **Changes:** - [Endpoint name](https://developer.tomtom.com/xxxxxx/): // Enter the endpoint name and link. - // Give a short description of the change - Added, Removed, Deprecated, Improved, etc. - [Endpoint name](https://developer.tomtom.com/xxxxxx/): // Enter the endpoint name and link. - // Give a short description of the change - Added, Removed, Deprecated, Improved, etc. ### Release date: 2023.xx.xx **Changes:** - [Endpoint name](https://developer.tomtom.com/xxxxxx/): // Enter the endpoint name and link. - // Give a short description of the change - Added, Removed, Deprecated, Improved, etc. - [Endpoint name](https://developer.tomtom.com/xxxxxx/): // Enter the endpoint name and link. - // Give a short description of the change - Added, Removed, Deprecated, Improved, etc.

API MDX Markdown Market Coverage page template

API MDX Markdown Market Coverage page template

```
title: xxxxx Market Coverage // Enter the name of the API here, for example, Search API, Traffic API, etc.
titleTags:
    label: 'Service version: x' // Enter the product service version number here.
    color: grey5
    label: 'Last edit: xxxx.xx.xx' // Enter the last edit date here. Use the year.month.day format
    color: grey5
---

// Add/remove/edit the following data according to your API's needs. A set of data is provided for you to edit.
// Add as many table columns as you need.
// Use the "" character escape to produce a "checkmark".
## Definitions
// Enter descriptions of your table column headers here:
```

```
### Market
// Description
### xxxxx //Enter a table column header name here.
// Description
### xxxxx //Enter a table column header name here.
// Description
### xxxxx //Enter a table column header name here.
// Description
### Codes
Codes are provided in the current, officially-assigned, two and three character [ISO 3166-1 alpha-2 and alpha-3]
(http://www.statoids.com/wab.html) code formats where available. If a market is missing in the following
tables, it is not currently supported. If you need more information, please feel free to [Contact Us]
(https://developer.tomtom.com/contact-us).
### Legend
| Symbol | Meaning |
:---: | --- |
 | Market is provided with detailed data. |
| Market is missing | Market data is not provided. |
## Americas
<thead>
  Market
  Codes
  XXXXX
  XXXXX
 </thead>
Anguilla
  AI/AIA

 Antigua & Barbuda
  AG/ATG
  Argentina
  AR/ARG
  >
  Aruba
  AW/ABW
  >
  Bahamas
  BS/BHS
```

```
Barbados
BB/BRB
Belize
BZ/BLZ
Bermuda
BM/BMU
Bolivia
BO/BOL
Bonaire, Sint Eustatius & Saba
BQ/BES
Bouvet Island
BV/BVT
Brazil
BR/BRA
British Virgin Islands
VG/VGB
}}>
Canada
CA/CAN
Cayman Islands
KY/CYM

Chile
CL/CHL
Clipperton Island
XD/XCP
```

```
Colombia
CO/COL
<t.r>
Costa Rica
CR/CRI
Cuba
CU/CUB
Curacao
CW/CUW
Dominica
DM/DMA
Dominican Republic
DO/DOM
Ecuador
EC/ECU
El Salvador
SV/SLV
Falkland Islands
FK/FLK
French Guiana
GF/GUF
Grenada
GD/GRD
Guadeloupe
```

```
GP/GLP 
Guam
GU/GUM

Guatemala
GT/GTM
Guyana
GY/GUY
>
Haiti
HT/HTI
Honduras
HN/HND
Jamaica
JM/JAM
Martinique
MQ/MTQ
Mexico
MX/MEX
Montserrat
MS/MSR
Nicaragua
NI/NIC
Panama
PA/PAN
```

```
Paraguay
PY/PRY
Peru
PE/PER
Puerto Rico
PR/PRI

Saint Barthélemy
BL/BLM

Saint Kitts & Nevis
KN/KNA
Saint Lucia
LC/LCA
>
Saint Martin
MF/MAF
Saint Pierre & Miquelon
PM/SPM
Saint Vincent & The Grenadines
VC/VCT
Sint Maarten (Dutch part)
SX/SXM
South Georgia & The South Sandwich Islands
GS/SGS
Suriname
SR/SUR
```

```
Trinidad & Tobago
 TT/TTO
 Turks & Caicos Islands
 TC/TCA
 <t.r>
U.S. Virgin Islands
 VI/VIR
 United States of America
US/USA 
Uruquay
UY/URY

Venezuela
 VE/VEN

## Asia Pacific
<thead>
Market
 Codes
XXXXXX
XXXXXX
</thead>
American Samoa
 AS/ASM
 <t.r>
 Australia
 AU/AUS
 Bangladesh
 BD/BGD
 Bhutan
```

```
BT/BTN

Brunei
BN/BRN

Cambodia
KH/KHM
China
CN/CHN
<t.r>
Christmas Island
CX/CXR
Cocos Islands
CC/CCK
Comoros
KM/COM
Cook Islands
CK/COK
Fiji
FJ/FJI
French Polynesia
PF/PYF
French Southern Territories
TF/ATF
Heard Island & McDonald Islands
HM/HMD
```

```
Hong Kong
HK/HKG
India
IN/IND 
Indonesia
ID/IDN

Jammu & Kashmir
XR/XRK

Japan
JP/JPN
Kauirik
QX/XKX
>
Kiribati
KI/KIR
Kuril Islands
XQ/XXK
Laos
LA/LAO
Lapthal
QY/XLX
Liancourt Rocks
XB/XXB
Macao
MO/MAC
```

```
Malaysia
MY/MYS
Maldives
MV/MDV
Marshall Islands
MH/MHL
Micronesia
FM/FSM
Mongolia
MN/MNG
Myanmar
MM/MR
Nauru
NR/NRU 
Nepal
NP/NPL

New Caledonia
NC/NCL
New Zealand
NZ/NZL
<t.r>
Niue
NU/NIU
Norfolk Island
NF/NFK
```

```
North Korea
KP/PRK
Northern Mariana Islands
MP/MNP
Pa-li-chia-ssu
QZ/XPX
Pakistan
PK/PAK
Palau
PW/PLW
Papua New Guinea
PG/PNG
Paracel Islands
XP/XPP
Philippines
PH/PHL
Pitcairn
PN/PCN
Samoa
WS/WSM

Sang
QW/XSX
Senkaku Islands
XS/XXS
```

```
Singapore
SG/SGP
<t.r>
Solomon Islands
SB/SLB
South Korea
KR/KOR
Spratly Islands
XI/XSP
Sri Lanka
LK/LKA
Taiwan
TW/TWN
Thailand
TH/THA
Timor-Leste
TL/TLS
Tokelau
TK/TKL
Tonga
TO/TON
Tuvalu
TV/TUV
United States Minor Outlying Islands
```

```
UM/UMI 
Vanuatu
VU/VUT

Vietnam
VN/VNM
Wallis & Futuna
WF/WLF
</thody>
## Europe
<thead>
Market
Codes
XXXXX
XXXXX
</thead>
Albania
AL/ALB
Andorra
AD/AND

Apkhazeti
QM/XAB
Armenia
AM/ARM
<t.r>
Austria
AT/AUT
Azerbaijan
AZ/AZE
```

```
Belarus
BY/BLR
Belgium
BE/BEL
Bosnia & Herzegovina
BA/BIH
Bulgaria
BG/BGR
Croatia
HR/HRV
Cyprus
CY/CYP
Czech Republic
CZ/CZE
Denmark
DK/DNK
Estonia
EE/EST
Faroe Islands
FO/FRO

Finland
FI/FIN
France
FR/FRA
```

```
Geopolitical Waterbelt Greece
QP/XAD
<t.r>
Georgia
GE/GEO
Germany
DE/DEU
Gibraltar
GI/GIB
Greece
GR/GRC
Greenland
GL/GRL
Guernsey
GG/GGY
Hungary
HU/HUN
Iceland
IS/ISL
Imia Island / Kardak Rocks
XE/XES 
Ireland
IE/IRL
Isle Of Man
```

```
IM/IMN 
Italy
IT/ITA

Jan Mayen
XJ/XXJ
Jersey
JE/JEY
<t.r>
Kazakhstan
KZ/KAZ
Kosovo
XK/XKS
Kyrqyzstan
KG/KGZ
Latvia
LV/LVA
Liechtenstein
LI/LIE
Lithuania
LT/LTU
Luxembourg
LU/LUX
}}>
Macedonia
MK/MKD
```

```
Malta
MT/MLT
Mediterranean Islands
QO/XAC
Moldova
MD/MDA 
Monaco
MC/MCO

Montenegro
ME/MNE
Nakhchivan Autonomous Republic
XN/XNX
<t.r>
Netherlands
NL/NLD
Norway
NO/NOR
Poland
PL/POL
Portugal
PT/PRT
Romania
RO/ROU
Russia
RU/RUS
```

```
Samkhret Oseti
XO/XSO
San Marino
SM/SMR
<t.r>
Serbia
RS/SRB
Slovakia
SK/SVK
Slovenia
SI/SVN 
Spain
ES/ESP

Svalbard
XV/XSV
Sweden
SE/SWE
<t.r>
Switzerland
CH/CHE
Tajikistan
TJ/TJK
Turkey
TR/TUR
Turkish Republic of Northern Cyprus
XZ/XZZ
```

```
Turkmenistan
TM/TKM
Ukraine
UA/UKR
United Kingdom
GB/GBR
United Nations Buffer Zone in Cyprus
XX/XXZ
<t.r>
Uzbekistan
UZ/UZB
<t.r>
Vatican City
VA/VAT
## Middle East & Africa
<t.r>
Market
Codes
XXXXXX
XXXXX
</thead>
Abu Musa Island
XA/XAM
Abyei
QN/XAN
Afghanistan
AF/AFG
```

```
Algeria
DZ/DZA
Angola
AO/AGO 
Bahrain
BH/BHR 
Benin
BJ/BEN

Botswana
BW/BWA
Burkina Faso
BF/BFA
>
Burundi
BI/BDI
Cameroon
CM/CMR
Cape Verde
CV/CPV
Central African Republic
CF/CAF
Chad
TD/TCD
Congo
CG/COG
```

```
Côte d'Ivoire
CI/CIV
Democratic Republic of Congo
CD/COD
<t.r>
Djibouti
DJ/DJI
Egypt
EG/EGY

Equatorial Guinea
GQ/GNQ 
Eritrea
ER/ERI

Ethiopia
ET/ETH
Gabon
GA/GAB
>
Gambia
GM/GMB
Gaza
XG/XXG
Ghana
GH/GHA
Golan Heights
XH/XXH
```

```
Guinea
GN/GIN
Guinea-Bissau
GW/GNB
Iran
IR/IRN
Iraq
IQ/IRQ
Israel
IL/ISR
<t.r>
Jordan
JO/JOR
Kenya
KE/KEN

Kuwait
KW/KWT

Lebanon
LB/LBN
Lesotho
LS/LSO
<t.r>
Liberia
LR/LBR
Libya
LY/LBY
```

```
Madagascar
MG/MDG
Malawi
MW/MWI
Mali
ML/MLI
Mauritania
MR/MRT
Mauritius
MU/MUS
Mayotte
YT/MYT
Morocco
MA/MAR
Mozambique
MZ/MOZ
Namibia
NA/NAM
Niger
NE/NER

Nigeria
NG/NGA
Oman
OM/OMN
```

```
Qatar
QA/QAT
<t.r>
Reunion
RE/REU
Rwanda
RW/RWA
Saint Helena
SH/SHN
Sao Tome & Principe
ST/STP
Saudi Arabia
SA/SAU
Senegal
SN/SEN
Seychelles
SC/SYC
Sierra Leone
SL/SLE
Somalia
SO/SOM
South Africa
ZA/ZAF
South Sudan
```

```
SS/SSD

Sudan
SD/SDN

Swaziland
SZ/SWZ
Syria
SY/SYR
<t.r>
Tanzania
TZ/TZA
Togo
TG/TGO
Tunb Islands
XT/XTU
Tunisia
TN/TUN
Uganda
UG/UGA
United Arab Emirates
AE/ARE
West Bank
XW/XXW
Western Hala'ib Triangle
XF/XHT
```

```
Western Sahara
EH/ESH
Yemen
YE/YEM
Zambia
ZM/ZMB
Zimbabwe
ZW/ZWE
```

API MDX Markdown HTTP Headers page template

API MDX Markdown HTTP Headers page template

```
title: HTTP headers
titleTags:
 - label: 'Service version: \mathbf{x}^{\cdot} // Enter the product service version number here.
  color: grey5
 - label: 'Last edit: xxxx.xx' // Enter the last edit date here. Use the year.month.day format
  color: grey5
## HTTP request headers
The following table describes HTTP request headers.
### Required headers
// Enter the required headers table here.
// Use the same table format as shown in the "Optional headers" topic.
// If there are no required headers, keep the following sentence.
**Note:** There are no required headers in the xxxxx API endpoints.
### Optional headers
<thead>
    Header
    Description
 </thead>
 Tracking-ID
    >
     Specifies an identifier for the request.
```

```
A unique identifier used by TomTom to identify and log a specific client request
and trace it back for support purposes.
                   It is only meant to be used for support and does not involve tracking of you or
your users in any form.
                   It can be used to trace a call.
                   The value must match the regular expression <code>'^[a-zA-Z0-9-]&#123;1,100&#125;$'
/code>.
          An example of a format that matches this regular expression is UUID, e.g., <code>9ac68072-c7a4-
11e8-a8d5-f2801f1b9fd1</code>).
                   If specified, it is replicated in the <a href="#trackingid-response"><b>Tracking-ID
/b></a> response header.
             Value: <code>Tracking-ID</code>
    ## HTTP response headers
// Enter the response headers used by the product endpoints. Examples are provided for you.
The following data table describes HTTP response headers.
<t.head>
   <t.r>
     Header
     Description
   </thead>
 [Access-Control-Allow-Origin](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers
/Access-Control-Allow-Origin)
      The Access-Control-Allow-Origin response header indicates whether the response can be shared with the
requesting code from the given origin.
     Value: <code> * </code>
    <t.r>
    [Connection](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Connection)
      The Connection general header controls whether or not the network connection stays open after the
current transaction finishes.
      Value: <code>keep-alive</code>
    </t.d>
   [Content-Encoding](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-
Encoding)
    <t.d>
      The Content-Encoding entity header is used to compress the media-type.
      Value: <code>gzip</code>
    []Content-Length(https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Length)
>
      The Content-Length entity header indicates the size of the entity-body in bytes that are sent to the
      Value: <code>Content-Length</code>
    [Content-Type](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Type)
/th>
    >
      The Content-Type entity header is used to indicate the media type of the resource.
```

```
Value: <code>application/json;charset=UTF-8</code>
     [Date](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Date)
      The Date general header contains the date and time at which the message was originated.
      Value: <code>Date</code>
     [Strict-Transport-Security](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers
/Strict-Transport-Security)
     The HTTP Strict-Transport-Security response header (often abbreviated as HSTS) lets a web site tell
browsers that it should only be accessed using HTTPS, instead of using HTTP.
      Value: <code>max-age=<expire-time>& includeSubDomains</code>
     [Vary](https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Strict-Transport-
Security)
      The Vary HTTP response header determines how to match future request headers to decide whether a cached
response can be used rather than requesting a fresh one from the origin server.
      Value: <code>A comma-separated list of header names</code>
   <t.r>
     Tracking-ID
      An identifier for the request.
          An unique identifier used by TomTom to identify and log a specific client request and trace it
back for support purposes.
          It is only meant to be used for support and does not involve tracking of you or your users in
any form.
          If the [Tracking-ID](#trackingid-request) header was specified, it is replicated in the
response.
          Otherwise, it is generated automatically by the service.
      Value: <code>string</code>
     </thody>
```

API MDX Markdown HTTP Response Codes page template

API MDX Markdown HTTP Response Codes page template

```
title: HTTP response codes
titleTags:
 - label: 'Service version: x' // Enter the product service version number here.
  color: grey5
 - label: 'Last edit: xxxx.xx.xx' // Enter the last edit date here. Use the year.month.day format
  color: grey5
## Purpose
The HTTP response codes in the following data table describe data returned as a response from an API server
after a RESTful request has been made. It includes success and failure codes and their descriptions.
//Enter the response codes that the product endpoints use. Some are provided for you.
<t.head>
  Code
/th>
   Meaning & amp; possible causes
  </thead>
 Created
  <code>
   Malformed request: Malformed syntax. Possible causes include: The requested syntax is not available.<
/td>
  <t.r>
   <code>400</code>
    Bad request: Parameters out of range. Possible causes include:
      The provided latitude is not in the <code>-90,90</code> value range.
      The provided longitude is not in the <code>-180,180</code> value range.
      The provided altitude is not in the <code>-500,15000</code> value range.
    <code>404</code>
   Not Found: Object with the specified id does not exist.
  <code>
   Internal Server Error: There is a problem with the TomTom Notifications API service.
```

API YAML navigation.yml page template

Enter the appropriate data which will appear on the left-side navigation space in a Gatsby Staging and a Gatsby Production rendered webpage.

API YAML navigation.yml page template

```
group: xxxxx-api // Enter the API's name here.
isPrivate: true/false // Enter "true" if the page is private/internal. Enter "false" if the page is for public
viewing.
description: The TomTom xxxxx API consists of the following services with endpoints: xxxxx service, xxxxx
service, xxxxx service, and xxxxx service. // Give a short description here.
productName: xxxxx API // Enter the product's name here.
menuTitle: Documentation
isMenuOpened: false
menu:
  - title: Product Information
   items:
      - fileId: /product-information/introduction
       title: Introduction
      - fileId: /product-information/release-notes
       title: Release Notes
      - fileId: /product-information/market-coverage
       title: Market Coverage
  - title: xxxxx service // Enter an API service name here.
   items:
      - fileId: /xxxxx-service/xxxxx-service
       title: xxxxx service
      - fileId: /xxxxx-service/xxxxx
       title: xxxxx // Enter an endpoint's name here.
       prefix: get/post/put/patch/delete
       isPrivate: true // Enter "true" if the page is private/internal. Do not use this name/value pair if the
page is for public viewing.
      - fileId: /xxxxx-service/xxxxx
       title: xxxxx // Enter an endpoint's name here.
       prefix: get/post/put/patch/delete
      - fileId: /xxxxx-service/xxxxx
       title: xxxxx // Enter an endpoint's name here.
       prefix: get/post/put/patch/delete
  - title: HTTP headers
   items:
      - fileId: /http-headers
       title: HTTP headers
  - title: HTTP response codes
      - fileId: /http-response-codes
       title: HTTP response codes
```

API YAML top-navigation.yml page template

This YAML page sets the API's name on the top-left side of a page and puts a "Documentation" link to the Introduction page and a link to the API Explorer page (if it has one) in the top-center of the page.

API YAML top-navigation.yml page template

```
menuTopTitle: XXXXXXXXX API
menu:
    - items:
    - url: /XXXXXXXX-api/documentation/product-information/introduction
         title: Documentation
         - url: /XXXXXXXX-api/api-explorer
         title: API Explorer
```