



Edge

Error Handling

HTTP errors
standard + intuitive = 👍



Error Messages

Error messages should be consistent across all APIs.

Content should include structured codes, user messages, additional information and detailed error messages.

Backend system details should **not** be included.

Status Codes

- status code matching
 - everything worked – 2xx
 - client did something wrong – 4xx
 - API did something wrong – 5xx
- 200, 201, 304, 400, 401, 403, 404, 500, 503

Response Content

- code for clients
- message for developers
- info link for documentation
- errors array for additional details

Response Content

```
{  
  "code": "400.02.001",  
  "message": "invalid geolocation parameters",  
  "info": "https://developers.api.com/location-api/parameters"  
}
```

Response Content

```
{  
  "code": "400.02.001",  
  "message": "invalid geolocation parameters",  
  "info": "https://developers.api.com/location-api/parameters",  
  "errors": [  
    { "message": "invalid value for: radioType"},  
    { "message": "invalid value for: carrier"}  
  ]  
}
```

Error Types

- Exceptions can be raised in following scenarios – each need different handling strategies:
 - client application validation errors
 - Edge policies/custom code
 - error raised by target systems