



# Maps API for JavaScript

## Release Notes

Version 3.1.0.3

# Important Information

## Notices

---

**Topics:**

This section contains document notices.

- [Legal Notices](#)
- [Document Information](#)

## Legal Notices

---

© 2019 HERE Global B.V. and its Affiliate(s). All rights reserved.

This material, including documentation and any related computer programs, is protected by copyright controlled by HERE. All rights are reserved. Copying, including reproducing, storing, adapting or translating, any or all of this material requires the prior written consent of HERE. This material also contains confidential information, which may not be disclosed to others without the prior written consent of HERE.

### Trademark Acknowledgements

HERE is trademark or registered trademark of HERE Global B.V.

Other product and company names mentioned herein may be trademarks or trade names of their respective owners.

### Disclaimer

This content is provided "as-is" and without warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, satisfactory quality and non-infringement. HERE does not warrant that the content is error free and HERE does not warrant or make any representations regarding the quality, correctness, accuracy, or reliability of the content. You should therefore verify any information contained in the content before acting on it.

To the furthest extent permitted by law, under no circumstances, including without limitation the negligence of HERE, shall HERE be liable for any damages, including, without limitation, direct, special, indirect, punitive, consequential, exemplary and/ or incidental damages that result from the use or application of this content, even if HERE or an authorized representative has been advised of the possibility of such damages.

## Document Information

---

### Product

Name: Maps API for JavaScript

Version: Version 3.1.0.3

### Document

Name: Maps API for JavaScript Release Notes

ID: 82d03cee-f3be-4dcf-a856-9693bcec008a

Status: FINAL

Date: 2019-Jul-25, 9:25 (GMT)

---

# Contents

---

<b>Chapter 1: Overview</b> .....	<b>6</b>
Highlights.....	7
<b>Chapter 2: Changes</b> .....	<b>8</b>
Functional and Behavioral Changes.....	9
API Changes.....	9
Resolved Issues.....	9
Known Issues.....	9
Limitations and Workarounds.....	10

# Chapter 1

## Overview

---

### Topics:

- [Highlights](#)

This document provides a summary of important changes for this version. Apart from newly resolved issues and added or improved functionality, this document also includes information about known issues remaining in this release as well as any existing limitations and workarounds.

## Highlights

---

The following highlights give a short summary of the most important changes, added functionality and improvements:

- We introduced animations to the `H.map.ViewModel#setLookAtData` method.
- We added an option to turn on the extrusion on the `H.map.Rect`, `H.map.Circle` and `H.map.Polygon` map objects.
- It is now possible for the providers that inherit from `H.map.provider.RemoteTileProvider` to include additional elements in the `EventTarget` chain.

## Chapter 2

# Changes

---

### Topics:

- [Functional and Behavioral ...](#)
- [API Changes](#)
- [Resolved Issues](#)
- [Known Issues](#)
- [Limitations and Workaround...](#)

This section documents major changes to the release that may require the updating of affected applications.

📄 **Note:** For changes made in previous releases, see the related documents at <http://developer.here.com>.



## Functional and Behavioral Changes

---

There are no functional or behavioral changes in this release.

## API Changes

---

### Added

- `H.map.Polygon.Options#extrude`
- `mapsjs.map.provider.Provider#getFeatureProxy`
- `mapsjs.map.Feature`

### Changed

- None

### Removed

- `mapsjs.map.IObject`

### Deprecated

- None

## Resolved Issues

---

**Table 1: Resolved Issues**

#	Issue
	Traffic incidents signs are rendered in the FireFox browser.
	On the fractional zoom levels polylines are rendered without artefacts.
	<code>interaction and control</code> with the duration set to 0 no longer throw an exception.

## Known Issues

---

The following list contains issues known to be present in the current release of the Maps API for JavaScript.

- The data for the vector map rendering misses following content in comparison to the Map Tile Service REST API:
  - ◻ transit stops
  - ◻ seabed below 3000m

- ◻ smaller towns/city labels at the intermediate zoom levels for some regions (ex. Madagascar, Japan)
- ◻ transliteration/translation to english for certain regions (ex. Thailand)
- ◻ differentiation between borough, locality, macrohood, microhood, neighbourhood and region
- ◻ interchanges in some areas at the intermediate zoom levels
- ◻ marine terminals
- ◻ areas for the different bodies of water
- ◻ forest names
- ◻ shortened names for some regions/states
- ◻ amusement parks
- ◻ urban areas for some localities (ex. New Delhi, Cairo, Kathmandu)
- Label crowding and collisions when the map is tilted/rotated.
- Labels might flicker when the map style is updated at the runtime.
- In certain cases label of the ferry line could overlap with the bridge.
- Potential map slowdown in the areas with the dense street network.

## Limitations and Workarounds

---

There are no limitations and workarounds in this release.