



# Maps API for JavaScript

## Release Notes

Version 3.0.15.0

# Important Information

## Notices

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**Topics:**

This section contains document notices.

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

## Legal Notices

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## Document Information

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# Chapter 1

## Overview

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### 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

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

- Expanded the maximum zoom level of the map up to and including zoom level 28.
- Improvements in the spatial objects rendering include:
  - Support of the polygons with holes
  - Rendering of the GIS "multi-"type of geometries such as MultiPolygon, MultiLineString and MultiPoint
- Added service-level support for the [Geofencing Extension](#) REST API.
- Improved support for the [Custom Location Extension](#) including extended functionality to change a layer's contents and access rights.

## Chapter 2

# Changes

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### 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

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There are no functional or behavioral changes in this release.

## API Changes

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### Added

- H.geo.AbstractGeometry
- H.geo.Polygon
- H.geo.LineString
- H.geo.MultiGeometry
- H.geo.MultiPolygon
- H.geo.MultiLineString
- H.geo.MultiPoint
- H.service.extension.customLocation.Service.Options
- H.service.extension.customLocation.TileProvider
- H.util.wkt.toGeometry
- H.map.Polygon.getGeometry()
- H.map.Polygon.setGeometry()
- H.map.Circle.getGeometry()
- H.map.Circle.setGeometry()
- H.map.Polyline.setGeometry()
- H.map.Polyline.getGeometry()
- H.map.Rect.getGeometry()
- H.map.Rect.setGeometry()
- H.map.AbstractMarker.getGeometry()
- H.map.AbstractMarker.setGeometry()
- H.map.DomMarker.getGeometry()
- H.map.DomMarker.setGeometry()
- H.map.Marker.getGeometry()
- H.map.Marker.setGeometry()
- H.service.Platform.getGeofencingService()
- H.service.extension.geofencing.Service
- H.service.extension.customLocation.Grant
- H.service.extension.customLocation.MetaInfo
- H.service.extension.customLocation.Table
- H.service.extension.customLocation.Service.EntryPoint
- H.service.extension.customLocation.Service.getLayer()
- H.service.extension.customLocation.Service.grantAccess()
- H.service.extension.customLocation.Service.deleteLayer()
- H.service.extension.customLocation.Service.createLayer()

## ► Changes

- `H.service.extension.customLocation.Service.searchByProximity()`
- `H.service.extension.customLocation.Service.searchByCorridor()`
- `H.service.extension.customLocation.Service.searchByBoundingBox()`
- `H.service.extension.customLocation.Service.searchAll()`
- `H.service.extension.customLocation.Service.appendRows()`
- `H.service.extension.customLocation.Service.updateRows()`
- `H.service.extension.customLocation.Service.deleteRows()`

## Changed

- None

## Removed

- None

## Deprecated

- `H.geo.Strip`
- `H.map.GeoShape.getStrip()`
- `H.map.GeoShape.setStrip()`
- `H.map.Polygon.getNorthPoleCovering()`
- `H.map.Polygon.setNorthPoleCovering()`
- `H.map.Polygon.getStrip()`
- `H.map.Polygon.setStrip()`
- `H.map.Circle.getNorthPoleCovering()`
- `H.map.Circle.setNorthPoleCovering()`
- `H.map.Circle.getStrip()`
- `H.map.Circle.setStrip()`
- `H.map.Polyline.getStrip()`
- `H.map.Polyline.setStrip()`
- `H.map.Rect.getNorthPoleCovering()`
- `H.map.Rect.setNorthPoleCovering()`
- `H.map.Rect.getStrip()`
- `H.map.Rect.setStrip()`
- `H.map.AbstractMarker.getPosition()`
- `H.map.AbstractMarker.setPosition()`
- `H.map.Marker.getPosition()`
- `H.map.Marker.setPosition()`
- `H.map.DomMarker.getPosition()`
- `H.map.DomMarker.setPosition()`

## Resolved Issues

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The following table summarizes major issues resolved in Maps API for JavaScript.

**Table 1: Resolved Issues**

#	Issue
1372	Fixed errors when parsing Platform Data Extension responses.
1360	Added the missing isoline routing method to the Routing service.

## Known Issues

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

- On Android default browsers double-tapping the map does not prevent the browser's native zoom.
- On some Android devices pinch-zoom does not work correctly.
- Circles that are positioned exactly on the date border produce rendering artifacts.
- iPad UI: After clicking on the map settings button, the scalebar moves below it.
- iPad 1 UI: Zoom control does not respond to touch input.
- Firefox UI, iPhone 5 UI: The UI does not properly process some touch events.
- Android Jellybean UI: The map container setting "overflow:hidden" breaks info-bubbles in default browsers.
- Android 4.0.4: On the Galaxy Tab's default browser, tapping on the map selects/highlights the entire map.
- Initializing multiple MapEvents instances causes a dispatch of multiple map events simultaneously with each input event.
- "Render" event is fired continuously when one layer is shared between several map instances.

## Limitations and Workarounds

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There are no limitations and workarounds in this release.