# DocumentDB SDK

[AZURE.SELECTOR] - [.NET SDK](/documentation/articles/documentdb-sdk-dotnet) - [Node.js SDK](/documentation/articles/documentdb-sdk-node) - [Java SDK](/documentation/articles/documentdb-sdk-java) - [Python SDK](/documentation/articles/documentdb-sdk-python)

## DocumentDB Java SDK

**Download**

[Maven](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb)

**Contribute**

[GitHub](https://github.com/Azure/azure-documentdb-java/)

**Documentation**

[Java SDK Reference Documentation](http://azure.github.io/azure-documentdb-java/)

**Get Started**

[Get started with the Java SDK](/documentation/articles/documentdb-java-application)

**Current Supported Runtime**

[JDK 7](http://www.oracle.com/technetwork/java/javase/downloads/jdk7-downloads-1880260.html)

## Release Notes

### [1.7.1](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb/1.7.1)

* Added retry policy support for throttling.

### [1.7.0](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb/1.7.0)

* Added time to live (TTL) support for documents.

### [1.6.0](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb/1.6.0)

* Implemented [partitioned collections](/documentation/articles/documentdb-partition-data) and [user-defined performance levels](/documentation/articles/documentdb-performance-levels).

### [1.5.1](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb/1.5.1)

* Fixed a bug in HashPartitionResolver to generate hash values in little-endian to be consistent with other SDKs.

### [1.5.0](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb/1.5.0)

* Add Hash & Range partition resolvers to assist with sharding applications across multiple partitions.

### [1.4.0](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb/1.4.0)

* Implement Upsert. New upsertXXX methods added to support Upsert feature.
* Implement ID Based Routing. No public API changes, all changes internal.

### 1.3.0

* Release skipped to bring version number in alignment with other SDKs

### [1.2.0](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb/1.2.0)

* Supports GeoSpatial Index
* Validates id property for all resources. Ids for resources cannot contain ?, /, #, , characters or end with a space.
* Adds new header “index transformation progress” to ResourceResponse.

### [1.1.0](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb/1.1.0)

* Implements V2 indexing policy

### [1.0.0](http://mvnrepository.com/artifact/com.microsoft.azure/azure-documentdb/1.0.0)

* GA SDK

## Release & Retirement Dates

Microsoft will provide notification at least **12 months** in advance of retiring an SDK in order to smooth the transition to a newer/supported version.

New features and functionality and optimizations are only added to the current SDK, as such it is recommend that you always upgrade to the latest SDK version as early as possible.

Any request to DocumentDB using a retired SDK will be rejected by the service.

[AZURE.WARNING] All versions of the Azure DocumentDB SDK for Java prior to version **1.0.0** will be retired on **February 29, 2016**.

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| --- | --- | --- |
| Version | Release Date | Retirement Date |
| [1.7.1](#1.7.1) | April 30, 2016 | — |
| [1.7.0](#1.7.0) | April 27, 2016 | — |
| [1.6.0](#1.6.0) | March 29, 2016 | — |
| [1.5.1](#1.5.1) | December 31, 2015 | — |
| [1.5.0](#1.5.0) | December 04, 2015 | — |
| [1.4.0](#1.4.0) | October 05, 2015 | — |
| [1.3.0](#1.3.0) | October 05, 2015 | — |
| [1.2.0](#1.2.0) | August 05, 2015 | — |
| [1.1.0](#1.1.0) | July 09, 2015 | — |
| [1.0.1](#1.0.1) | May 12, 2015 | — |
| [1.0.0](#1.0.0) | April 07, 2015 | — |
| 0.9.5-prelease | Mar 09, 2015 | February 29, 2016 |
| 0.9.4-prelease | February 17, 2015 | February 29, 2016 |
| 0.9.3-prelease | January 13, 2015 | February 29, 2016 |
| 0.9.2-prelease | December 19, 2014 | February 29, 2016 |
| 0.9.1-prelease | December 19, 2014 | February 29, 2016 |
| 0.9.0-prelease | December 10, 2014 | February 29, 2016 |

## FAQ

[AZURE.INCLUDE [documentdb-sdk-faq](../includes/documentdb-sdk-faq.md)]

## See Also

To learn more about DocumentDB, see [Microsoft Azure DocumentDB](https://azure.microsoft.com/services/documentdb/) service page.