Apache Cassandra

Installation
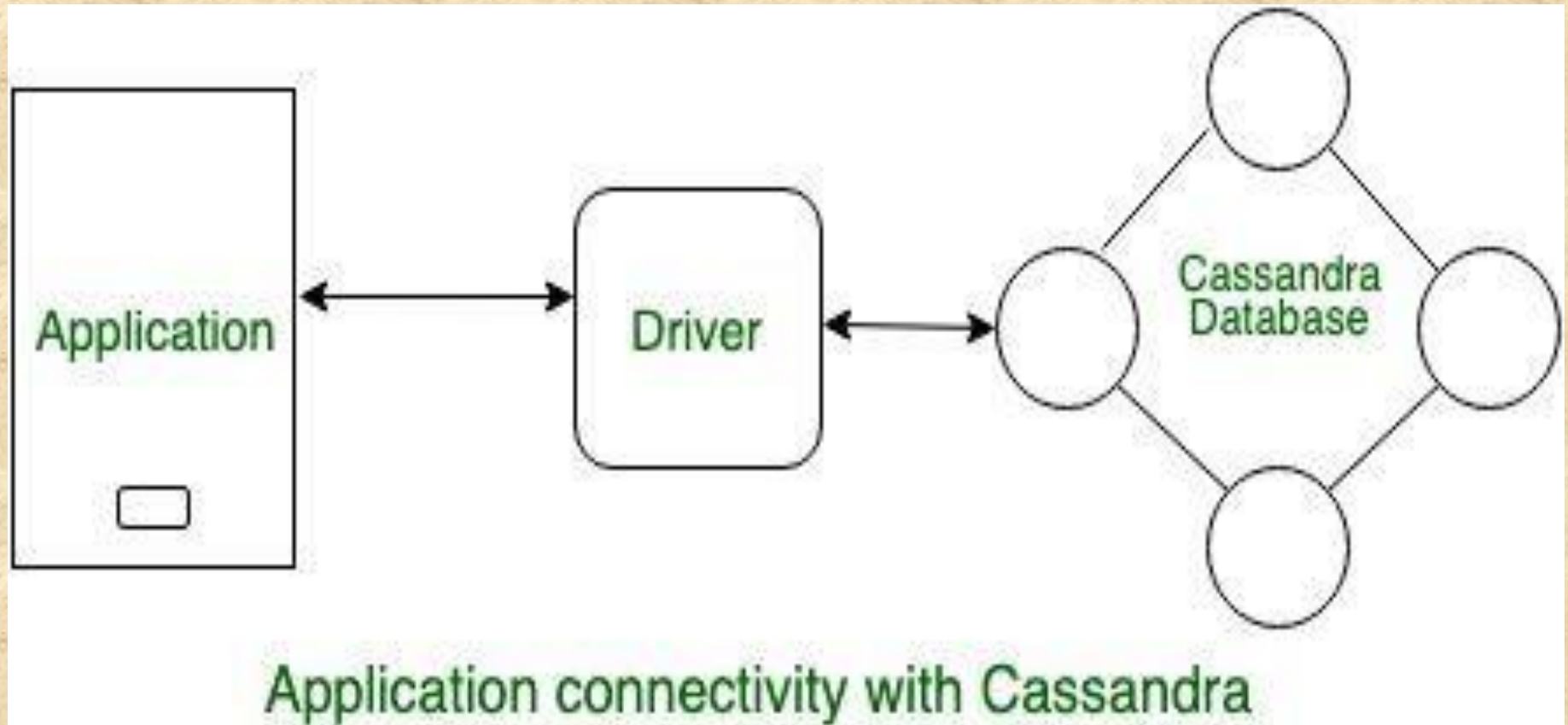
Cassandra installation on windows

Dependencies / Pre-requisite

Apache Cassandra requires Java 8 to run on a Windows system. Additionally, the Cassandra command-line shell (*cqlsh*) is dependent on Python 2.7 to work correctly.

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Cassandra installation on windows

1. Download and Install Java 8 and set environment variables.

2. Download and install Python 2.7 and set environment variables.

3. Download Cassandra tar.gz Folder from Apache Cassandra   Download page (https://cassandra.apache.org/download/)

4. Unzip the compressed folder

5. Configure Environment Variables for Cassandra

6. Go to Cassandra bin folder , open cmd window and type *cassandra*

7. This will start cassandra server

8. Open another command window and type *cqlsh*

9. This will start cassandra shell. Give commands here.

Application Development

Application connectivity with Cassandra

Driver ?

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Cassandra Driver

- Python module for working with Cassandra database

- This module contains an ORM API, as well as a core API similar in nature to DB-API for relational databases.

- *pip3 install cassandra-driver*

- Interaction with Cassandra database, is done through Cluster object.

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