



- probot-autolabeler bot added DOCS PYTHON labels 23 days ago
- Prohitmishr1484 changed the title [WIP][SPARK-32180][PYTHON][DOCS] Getting started-Installation guide for pyspark doc [WIP][SPARK-32180][PYSPARK][DOCS] Getting started-Installation guide for pyspark doc 23 days ago
- rohitmishr1484 changed the title [WIP][SPARK-32180][PYSPARK][DOCS] Getting started-Installation guide for pyspark doc [SPARK-32180][PYSPARK][DOCS] Getting started-Installation guide for pyspark doc 23 days ago

X0f8db3a

Hi @HyukjinKwon,

I was not sure how to add you as a Reviewer for this Pull request, thus adding this comment. I would like to mention a few points:

- 1. Baseline description: I have used this pull request as a reference since this is my first pull request-#29385
- 2. Most of the information used for the "Installation Page" has come from Koalas documentationhttps://koalas.readthedocs.io/en/latest/getting_started/install.html. Am I supposed to mention this as reference/credit anywhere in this documentation?
- 3. Personally I have used only PyPI as an installation mechanism thus haven't tried the other three. A prerequisite for PyPI installation was the availability of JAVA 8 path in JAVA_HOME environment variable. Please let me know if that's something I need to add explicitly in the "Dependencies" section.
- 4. Where ever necessary I have updated the links.



HyukjinKwon changed the title [SPARK-32180][PYSPARK][DOCS] Getting started-Installation guide for pyspark doc [SPARK-32180][PYTHON][DOCS] Installation page in Getting Started in PySpark documentation 22 days ago



• HyukjinKwon reviewed 22 days ago

View changes

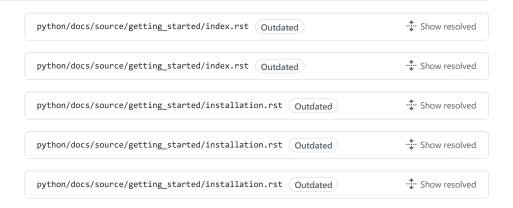
Member

HyukjinKwon left a comment

and the same this to account that out a source of the Western In-

Thanks @rohitmishr1484 for working on this. In general, let's put some more flesh. We can also describe how to set up the development environment by using Conda like pandas from the beginning (https://pandas.pydata.org/pandas-docs/stable/getting_started/install.html#installing-with-miniconda).

We can use <code>pip</code> installation under Conda environment as the official guide, and just mention that PySpark is available in Conda although it's not the part of an official release.





This comment was marked as off-topic.

Sign in to view

타	Venkata krishnan Sowrirajan and others added 16 commits 22 days ago	
-0-	[SPARK-32596][CORE] Clear Ivy resolution files as part of finally block	✓2d6eb00
-0-	[SPARK-32400][SQL] Improve test coverage of HiveScriptTransformationExec	√ 4cf8c1d
-0-	[SPARK-31703][SQL] Parquet RLE float/double are read incorrectly on b	✓ a418548
-0-	[SPARK-32599][SQL][TESTS] Check the TEXTFILE file format in `HiveSerD	✓ f664aaa
-0-	[SPARK-32250][SPARK-27510][CORE][TEST] Fix flaky MasterSuite.test(X c6ea983
-0-	[SPARK-32352][SQL] Partially push down support data filter if it mixe	√ 643cd87
-0-	[SPARK-31694][SQL] Add SupportsPartitions APIs on DataSourceV2	X 60fa8e3
-0-	☐ [SPARK-31198][CORE] Use graceful decommissioning as part of dynamic s	✓ 548ac7c
-0-	[MINOR] Update URL of the parquet project in code comment	√ 08d86eb
-0-	[SPARK-32511][SQL] Add dropFields method to Column class	√ 0c850c7
-0-	[SPARK-32526][SQL] Fix some test cases of `sql/catalyst` module in sc	X 6ae2cb2
-0-	[SPARK-32357][INFRA] Publish failed and succeeded test reports in Git	✓5debde9
-0-	[SPARK-20680][SQL][FOLLOW-UP] Add HiveVoidType in HiveClientImpl	✓ 339eec5
-0-	[SPARK-32590][SQL] Remove fullOutput from RowDataSourceScanExec	✓ 14003d4
-0-	[MINOR][SQL] Fixed approx_count_distinct rsd param description	√ 10edeaf
-0-	[SPARK-32616][SQL] Window operators should be added determinedly	✓ c6be207

162 hidden items

Load more...

sarutak and others added 2 commits 17 hours ago

-O- Spark-32772][SQL] Reduce log messages for spark-sql CLI ... ✓ad6b887

-O- (SPARK-32781)[SQL] Non-ASCII characters are mistakenly omitted in the... ... ✓1fba286



HyukjinKwon commented 7 hours ago

Member

@rohitmishr1484, thanks. Looks getting there. Can you resolve the conflicts? See also "The Review Process" at https://spark.apache.org/contributing.html to make this PR synced to the latest master.



0

HyukjinKwon reviewed 7 hours ago

View changes

python/docs/source/getting_started/installation.rst

```
97 +
        HyukjinKwon 7 hours ago (Member)
        Let's remove empty newlines here.
HyukjinKwon reviewed 7 hours ago
                                                                           View changes
 python/docs/source/getting_started/installation.rst
             + `Py4J`
                             0.10.9
                                                     Required
              120
               + **Note**: A prerequisite for PySpark installation is the availability of
                ``JAVA 8`` and ``JAVA 8`` path in ``JAVA_HOME`` environment variable.
        HyukjinKwon 7 hours ago (Member)
          • ``JAVA 8`` ... -> Java 8 or 11 and JAVA_HOME properly set.
HyukjinKwon reviewed 7 hours ago
                                                                           View changes
 python/docs/source/getting_started/installation.rst
              + Dependencies
              + ------ ------
                            Minimum supported version Required or Optional
        HyukjinKwon 7 hours ago (Member)
        Let's convert Required or Optional to Note.
        NumPy is an optional dependency for ML module in PySpark.
HyukjinKwon reviewed 7 hours ago
                                                                           View changes
 \verb|python/docs/source/getting_started/installation.rst|\\
          99
         100
                  export PYTHONPATH=$(ZIPS=("$SPARK_HOME"/python/lib/*.zip); IFS=:; echo
                "${ZIPS[*]}"):$PYTHONPATH
         101
         102 + Installing From Source
        HyukjinKwon 7 hours ago Member
        From -> from
HyukjinKwon reviewed 7 hours ago
                                                                           View changes
 \verb|python/docs/source/getting_started/installation.rst|\\
               + Python Version Supported
          28
          + Python 3.6, 3.7 and 3.8
        HyukjinKwon 7 hours ago (Member)
```

I think you can just say Python 3.6 and above.

python/docs/source/getting_started/installation.rst

- 19 20
- + Installation
- 21
 - + The official release channel is to download it from https://spark.apache.org/downloads.html but we can install it via ``pip`` as well from PyPI. PyPI installation is usually to use standalone locally or as a client to connect to a cluster.



HyukjinKwon 7 hours ago (Member)

Let's make it properly linked and slightly reword, for example:

The official release channel is to download it from `the Apache Spark website < $\verb|https://spark.apache.org/downloads.html>`_.$

Alternatively, you can also install it via pip from PyPI. PyPI installation is usually to use

standalone locally or as a client to connect to a cluster instead of setting a cluster up.



HyukjinKwon reviewed 7 hours ago

View changes

python/docs/source/getting_started/installation.rst

- 21
- + The official release channel is to download it from https://spark.apache.org/downloads.html but we can install it via ``pip`` as well from PyPI. PyPI installation is usually to use standalone locally or as a client to connect to a cluster.
- 23
- 24 + Instruction for downloading PySpark using PyPI, Conda, Official Release Channel and Source are available in this document.



HyukjinKwon 7 hours ago (Member)

I would write it like such as:

This page includes the instructions for installing PySpark by using pip, Conda, downloading manually, and building it from the source.

Feel free to rephrase.



HyukjinKwon reviewed 7 hours ago

View changes

python/docs/source/getting started/installation.rst

- 80 + Official Release Channel
- 82 +
- + Different flavor of PySpark is available in `the official release channel https://spark.apache.org/downloads.html.



HyukjinKwon 7 hours ago (Member)

I think we can have one underscore for the links. __ -> _. You'd have to change other links in this page as well.





• HyukjinKwon reviewed 7 hours ago

View changes

xuanyuanking and others added 11 commits 6 hours ago

-0-	[SPARK-32782][SS] Refactor StreamingRelationV2 and move it to catalyst	√ 95f1e95
-0-	∏ Initial Skeleton Setup	792592c
-0-	Corrected typo in index.rst and added content in installation.rst	1b08fc3
-0-	Fixed Title underline too short error in packahe overview rst file	f08f63a
-0-	Removed unwanted files and undated index.rst and installation.rst	828f598
-0-	added the suggested changes	8b5f745
-0-	conflict removal	a6dfaf7
-0-	Removed quickstart from index as its not part of the PR	274e419
-0-	Merge conflict removal	7ca3425
-0-	merge conflict error 1	4f8627c
-0-	Merge branch 'SPARK-32180-Getting-Started-Installation' of https://gi	• 001814f
\bigcirc	probot-autolabeler bot added CORE INFRA R SQL labels 1 hour ago	



HyukjinKwon commented 31 minutes ago

Member

Oops, looks something went wrong during syncing. Feel free to close this and create new PR :-)



SparkQA commented 27 minutes ago

Test build #128258 has finished for PR 29410 at commit 001814f.

• This patch passes all tests.