

▼ Click here to view/hide hint

Fill in the ...
conn = dbConnect(..., ..., user=..., password=...,sslConnection='true')

▼ Click here to view/hide solution

conn = dbConnect(jcc, jdbc_path, user=dsn_uid, password=dsn_pwd,sslConnection='true')

d. Execute a Query (and return the results)

Next, execute a query against the Db2 system catalog table SYSIBM.SYSSCHEMATA and fetch the results into a R dataframe.

[]:

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```
Fill in the ...
query = "SELECT * FROM ...";
rs = dbSendQuery(...);
df = fetch(...);
```

▼ Click here to view/hide solution

```
query = "SELECT * FROM SYSIBM.SYSSCHEMATA";
rs = dbSendQuery(conn, query);
df = fetch(rs, -1);
```

Let's examine the contents of the dataframe by looking at the first few rows:

[]:

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```
# Fill in the ...
head(...)
```

▼ Click here to view/hide solution

head(df)

e. Dis-connect

Finally, as a best practice we should close the database connection once we're done with it.

[]:

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```
# Fill in the ...
dbDisconnect(...)
```

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 ${\tt dbDisconnect(conn)}$

Summary

In this lab you accessed data in a Db2 on Cloud database using RJDBC connection from a R notebook in Jupyter, and fetched the results of a query for analysis in a R dataframe.

Did you know? IBM Watson Studio lets you build and deploy an Al solution, using the best of open source and IBM software and giving your team a single environment to work in. Learn more here.

Thank you for completing this lab on getting connected and querying databases using RJDBC.

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Changelog

Date (YYYY-MM-DD)	Version	Changed By	Change Description
2021-07-14	2.1	Lakshmi Holla	Added ssl information to connection string
2021-01-22	2.0	Sandip Saha Joy	Created revised version of the lab
2017	1.0	Rav Ahuja & Agatha Colangelo	Created initial version of the lab

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