More Sqoop Import Options

There are many options for importing tables using Sqoop. A few of the most commonly used ones are given below; for more, see the documentation through https://sqoop.apache.org. Be sure to use the documentation for the version you are using. To see what version of Sqoop you are using, run the command sqoop version.

--target-dir specifies the HDFS directory /mydata/customers as the location the data will be saved to:

```
$sqoop import \

    --connect jdbc:mysql://localhost/company \

    --username jdoe \

    --password bigsecret \

    --table customers \

    --target-dir /mydata/customers
```

--warehouse-dir specifies the HDFS parent directory to use for the import; Sqoop will create a sub-directory matching the table's name in the specified parent directory, so this example will also end up creating /mydata/customers in HDFS:

```
$sqoop import \

    --connect jdbc:mysql://localhost/company \

    --username jdoe \

    --password bigsecret \
```

```
    --table customers \

    --warehouse-dir /mydata
```

--fields-terminated-by specifies the delimiter between columns; in this example, \t (tab) is the delimiter:

```
  $sqoop import \

    --connect jdbc:mysql://localhost/company \

    --username jdoe \

    --password bigsecret \

    --table customers \

    --fields-terminated-by '\t'
```

--columns specifies particular columns to import, rather than all of them; here, --columns is used to specify the prod_id, name, and price columns of the products table, so only these three columns will be imported into HDFS:

```
  $sqoop import \

    --connect jdbc:mysql://localhost/company \

    --username jdoe \

    --password bigsecret \

    --table products \

    --columns "prod_id,name,price"
```

--where provides a filter to import only specific rows from the table; the following example uses a simple example in which the value in the price column must be greater than or equal to 1000, but you may use more complex expressions, including those with and and or:

```
$sqoop import \
    --connect jdbc:mysql://localhost/company \
    --username jdoe \
    --password bigsecret \
    --table products \
    --columns "prod_id,name,price" \
    --where "price >= 1000"
```