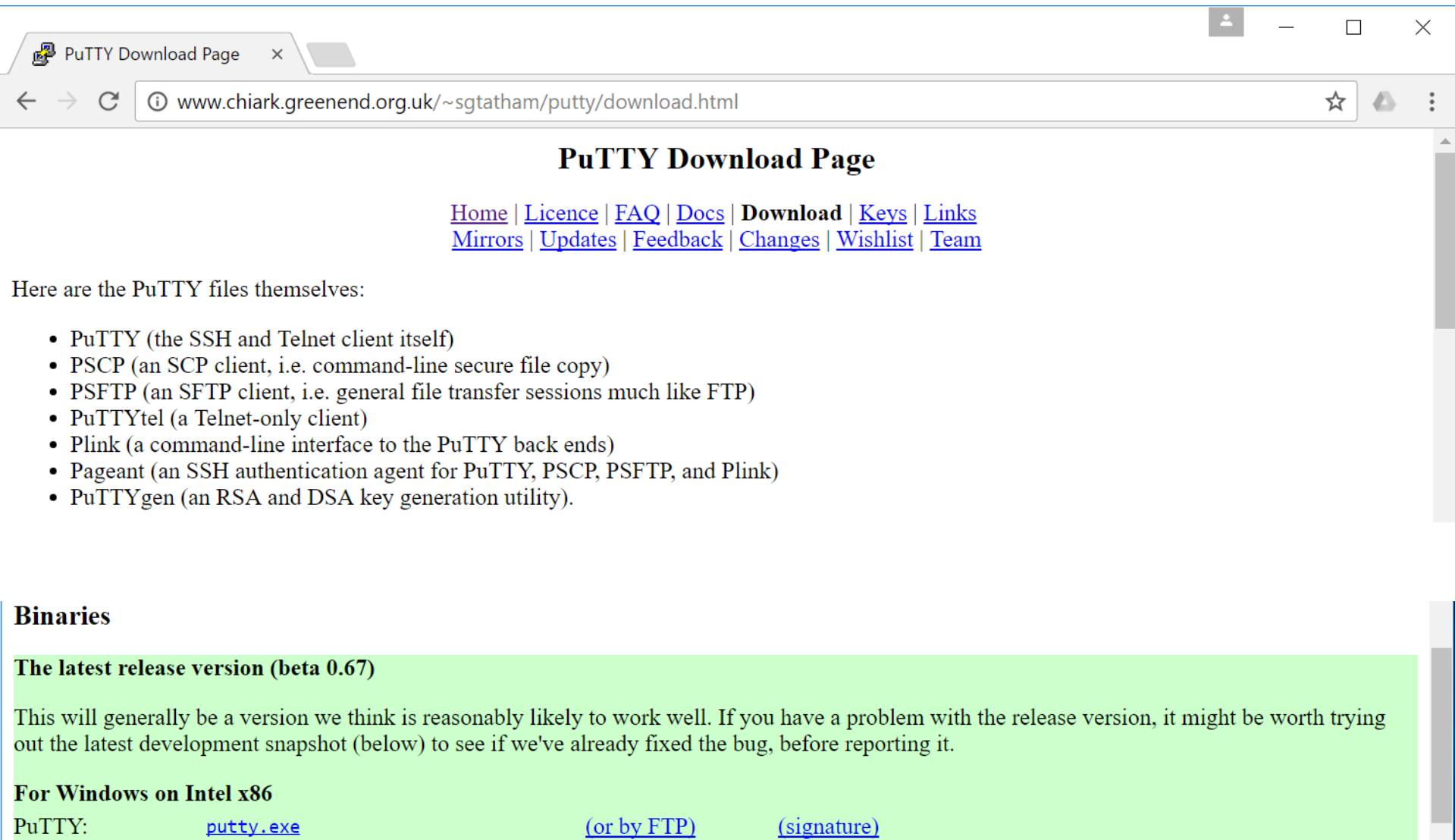


Oracle, DBeaver

If you are in Windows, download putty.exe, a free ssh client.
If you are in Mac or Linux, there is already some ssh client installed.

A screenshot of a web browser displaying the PuTTY Download Page. The browser's address bar shows the URL 'www.chiark.greenend.org.uk/~sgtatham/putty/download.html'. The page title is 'PuTTY Download Page'. Below the title is a navigation menu with links: Home, Licence, FAQ, Docs, Download, Keys, Links, Mirrors, Updates, Feedback, Changes, Wishlist, and Team. The main content area starts with the text 'Here are the PuTTY files themselves:' followed by a bulleted list of PuTTY-related utilities. Below this is a section titled 'Binaries' with a sub-section 'The latest release version (beta 0.67)'. This section contains a paragraph about the release version and a table for downloading PuTTY for Windows on Intel x86. The table has three columns: 'PuTTY:', 'putty.exe', '(or by FTP)', and '(signature)'.

PuTTY Download Page

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[Mirrors](#) | [Updates](#) | [Feedback](#) | [Changes](#) | [Wishlist](#) | [Team](#)

Here are the PuTTY files themselves:

- PuTTY (the SSH and Telnet client itself)
- PSCP (an SCP client, i.e. command-line secure file copy)
- PSFTP (an SFTP client, i.e. general file transfer sessions much like FTP)
- PuTTYtel (a Telnet-only client)
- Plink (a command-line interface to the PuTTY back ends)
- Pageant (an SSH authentication agent for PuTTY, PSCP, PSFTP, and Plink)
- PuTTYgen (an RSA and DSA key generation utility).

Binaries

The latest release version (beta 0.67)

This will generally be a version we think is reasonably likely to work well. If you have a problem with the release version, it might be worth trying out the latest development snapshot (below) to see if we've already fixed the bug, before reporting it.

For Windows on Intel x86

PuTTY:	putty.exe	(or by FTP)	(signature)
--------	---------------------------	-----------------------------	-----------------------------

Creating an **ssh tunnel**:

Windows: in a **cmd** window, go to the folder where you put **putty.exe** and execute:

```
putty.exe -L 1522:oracledb.csc.uvic.ca:1521 <username>@linux.csc.uvic.ca
```

Mac, Linux: Execute from **terminal**:

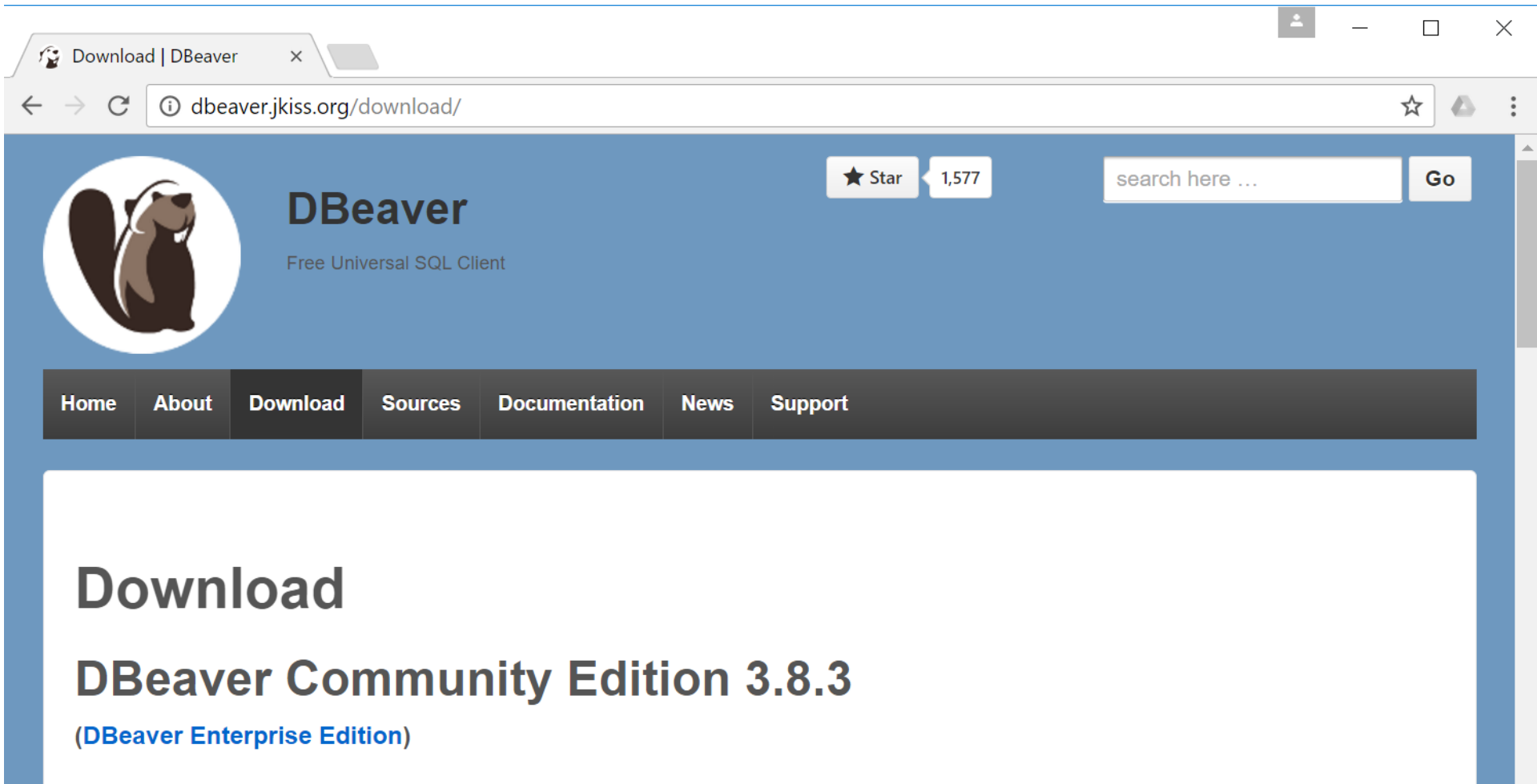
```
ssh -L 1522:oracledb.csc.uvic.ca:1521 <username>@linux.csc.uvic.ca
```

Replace **<username>** by your csc username.

You will be asked for your csc password. Then an ssh tunnel will be created.

We will be able to connect to the oracle machine, oracledb.csc.uvic.ca, which is behind a firewall by connecting to “localhost”.


Download and install DBeaver, a free SQL Client.
We will use it to connect to Oracle.



The screenshot shows a web browser window with a single tab titled "Download | DBeaver". The address bar displays "dbeaver.jkiss.org/download/". The page header features the DBeaver logo (a beaver) and the text "DBeaver Free Universal SQL Client". To the right of the logo is a "Star" button with a count of "1,577". Further right is a search bar with the placeholder text "search here ..." and a "Go" button. Below the header is a dark navigation bar with links: "Home", "About", "Download", "Sources", "Documentation", "News", and "Support". The main content area has a large heading "Download" followed by "DBeaver Community Edition 3.8.3" and a link "(DBeaver Enterprise Edition)".

Download | DBeaver

dbeaver.jkiss.org/download/

 **DBeaver**
Free Universal SQL Client

★ Star 1,577

search here ... Go

Home About Download Sources Documentation News Support

Download

DBeaver Community Edition 3.8.3

([DBeaver Enterprise Edition](#))

Create new connection

Select new connection type

Oracle thin driver. Doesn't require Oracle client.

type filter text

- MySQL
- MySQL 3.x
- Netezza
- NuoDB
- ODBC
- OpenLink Virtuoso
- Oracle
- PostgreSQL
- PostgreSQL (Generic)
- Redshift
- > SAP
- SQLite
- Sybase
- Teradata
- Vertica

Project

General



< Back

Next >

Finish

Cancel

Test Connection ...

Create new connection

Oracle Connection Settings ORACLE

Oracle connection settings

General Oracle properties Driver properties

Connection Type

Basic TNS Custom

Host: localhost Port: 1522

Database: studentdb SID

Security

User name: ranwei Role: Normal

Password: OS Authentication

Client:

Driver Name: Oracle Edit Driver Settings

? < Back Next > Finish Cancel Test Connection ...

Specify your
csc
username.

Password is
your V00....
number

Click here

Edit Driver "Oracle"

Settings

Driver Name*: Driver Type: ☒ Oracle ☐ OCI ☐ Thin ☐ Other

Class Name*:

URL Template:

Default Port: ☐ Embedded

Description

Category:

Description:

Website:

Libraries ☒ Connection properties ☐ Adv. parameters ☐ Native Client

Driver class:

Leave everything unchanged.
Only click here and browse and add file **ojdbc6.jar** which can be downloaded from Resources in Connex.

Create new connection

Oracle Connection Settings ORACLE

Oracle connection settings

General Oracle properties Driver properties

Connection Type

Basic TNS Custom

Host: localhost Port: 1522

Database: studentdb SID

Security

User name: ranwei Role: Normal

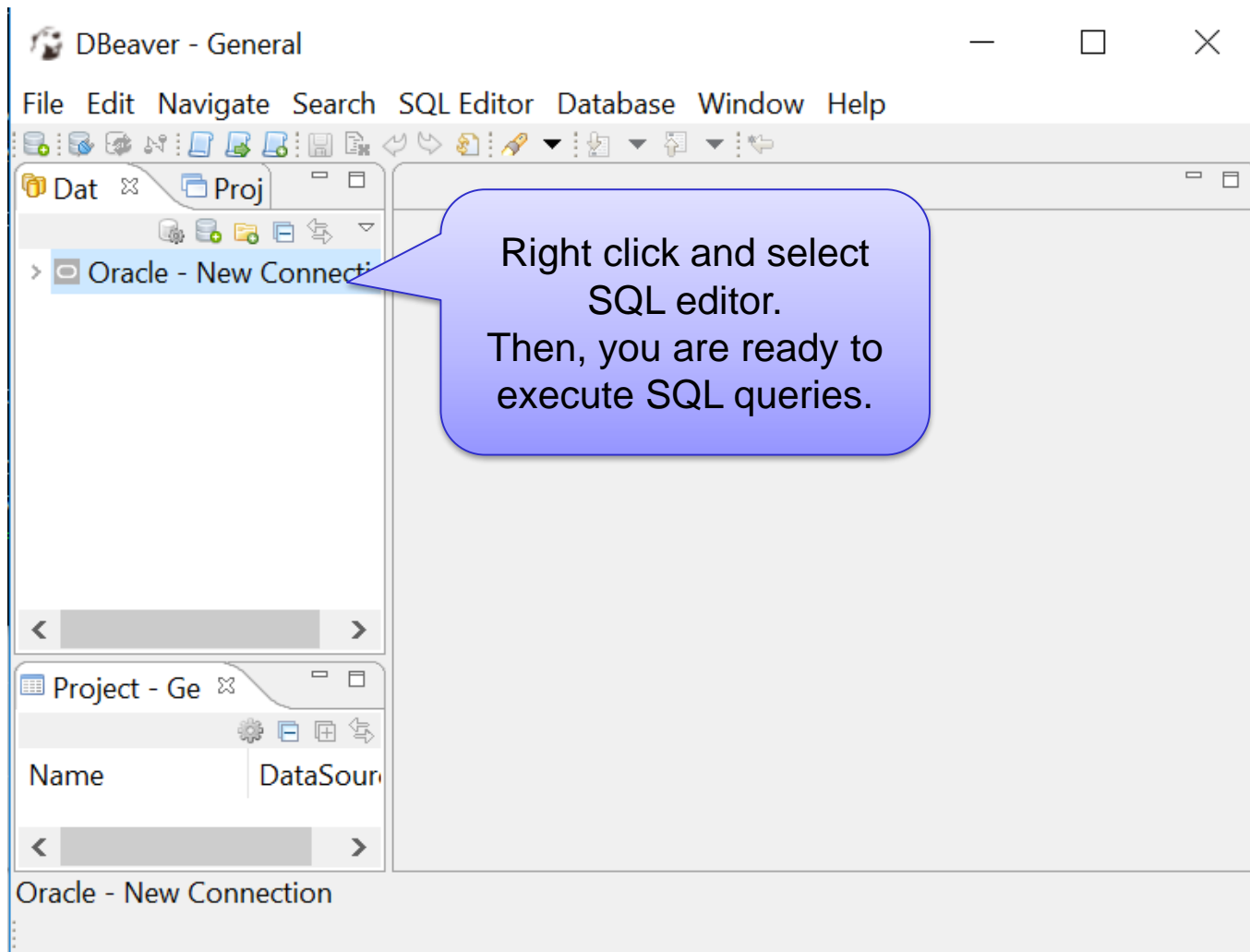
Password: Password field with masked characters OS Authentication

Client:

Driver Name: Oracle Edit Driver Settings

? < Back Next > Finish

Click Finish



DBeaver - General - [<Oracle - New Connection> Script]

File Edit Navigate Search SQL Editor Database Window Help

Commit Rollback

Oracle - New Co

RANWEI

200

Database Navigator

Projects

Oracle - New Connection

*<Oracle - New Connection> Script

```
CREATE TABLE Studios(  
    name VARCHAR(20) PRIMARY KEY,  
    website VARCHAR(255)  
);
```

Results

Log Output

SQL Enter a SQL expression to filter results (use Ctrl+Space)

No Data
Execute query (Ctrl+Enter) or script (Alt+X) to see results

Save Cancel Script

Record Panels

Connected to "Oracle - New Connecti" No Dat

Writable

Smart Insert

5 : 1