

How to Use DBU4IBMi in VS Code



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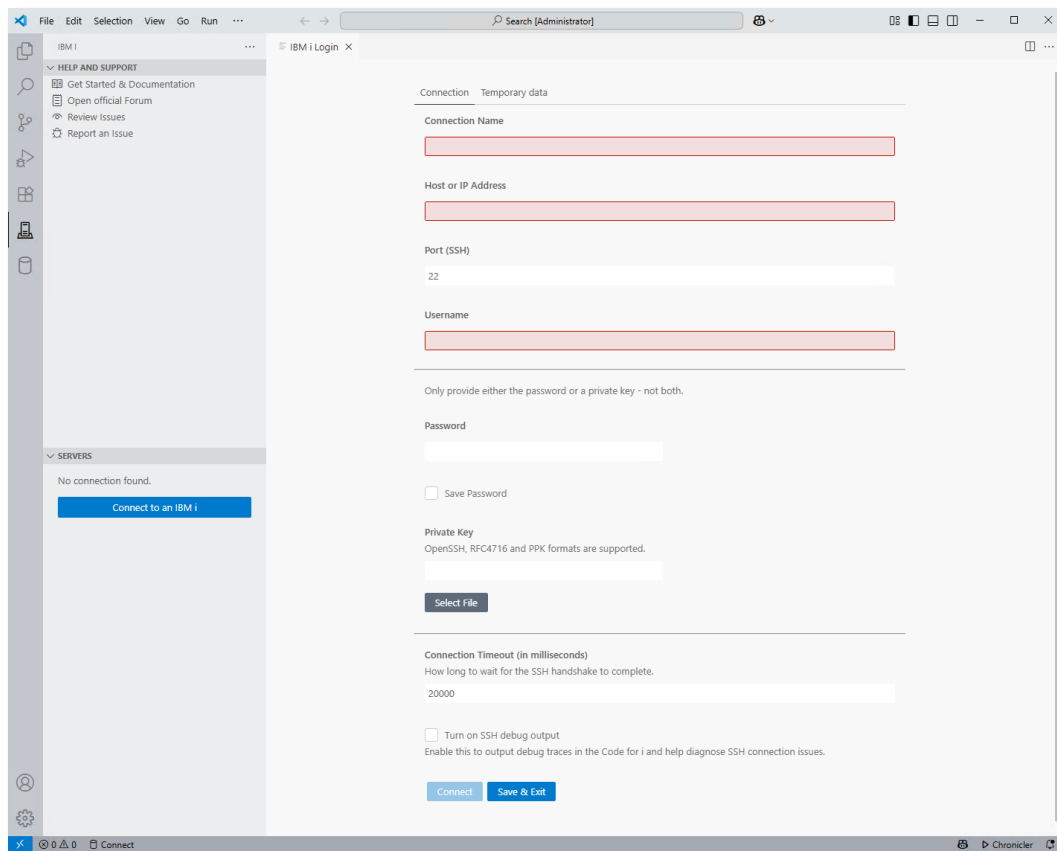
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✔ You are now ready to use DBU inside VS Code! 11

Step 1: Connect to IBM i

- Open the **IBM i extension** in VS Code.
- Type in:
 - **Connection Name**
 - **Host or IP Address**
 - **Port (default: 22)**
 - **Username / Password or Private Key**
- Click **Save & Exit** to store the connection.



IBM i Login

Connection Temporary data

Connection Name

Host or IP Address

Port (SSH)

22

Username

Only provide either the password or a private key - not both.

Password

☐ Save Password

Private Key

OpenSSH, RFC4716 and PPK formats are supported.

Select File

Connection Timeout (in milliseconds)

How long to wait for the SSH handshake to complete.

20000

☐ Turn on SSH debug output

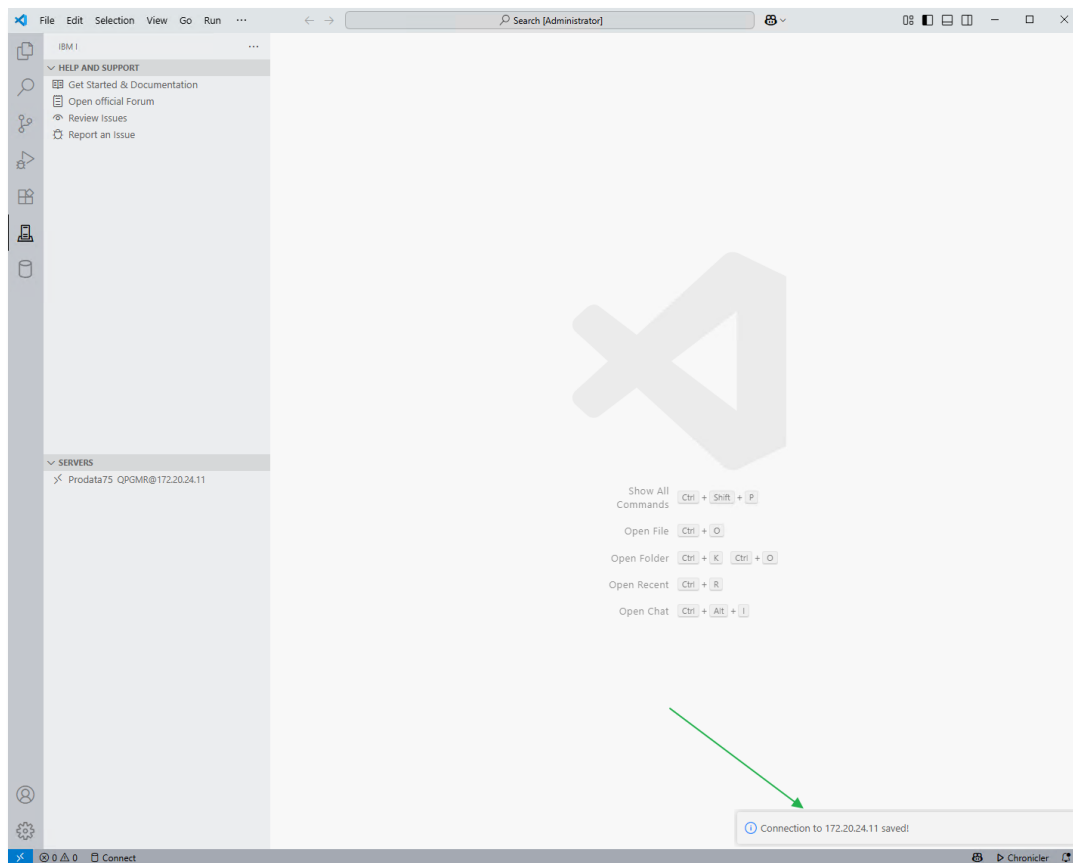
Enable this to output debug traces in the Code for i and help diagnose SSH connection issues.

Connect Save & Exit

Step 2: Check the Connection

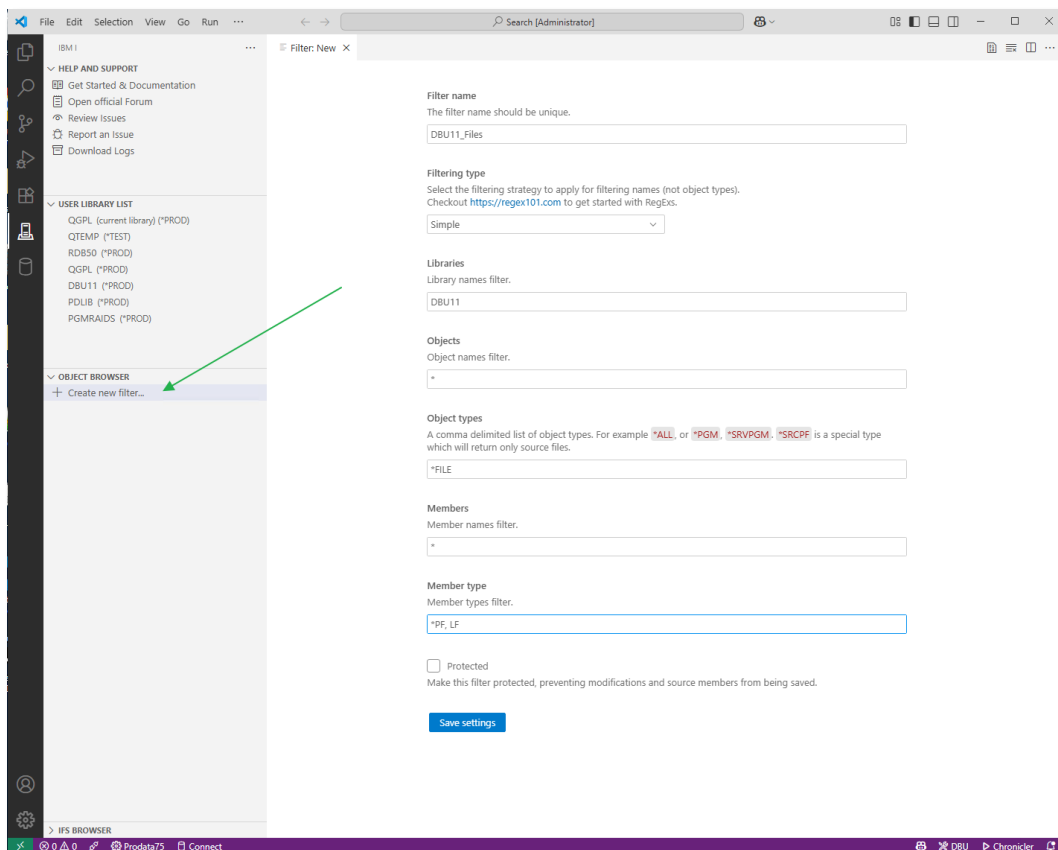
- After saving, your connection shows under Servers on the left side.
- A message will say:

“Connection to [your IP] saved!”



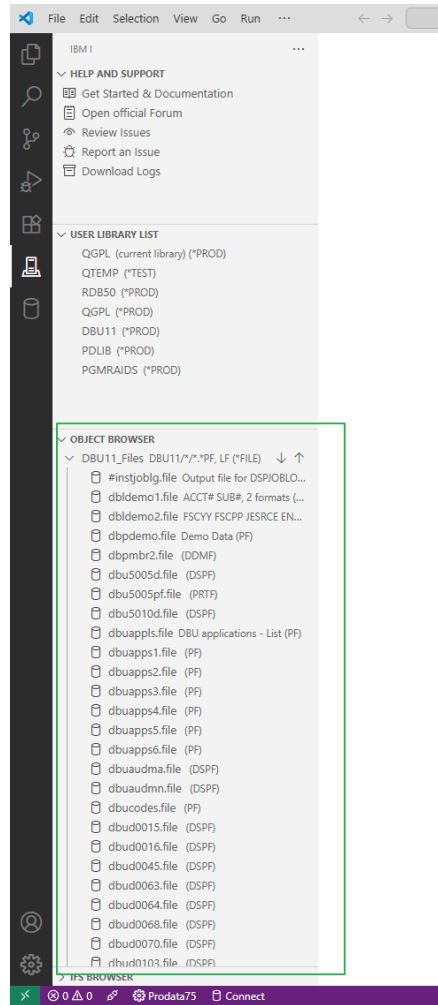
Step 3: Make an Object Filter

- Connect to your IBM I
- Go to Object Browser List → Create new filter...
- Fill in:
 - Filter Name (e.g., DBU11_FILES)
 - Library (e.g., DBU11)
 - Object Types → *FILE
 - Member Types → PF, LF
- Save the filter.



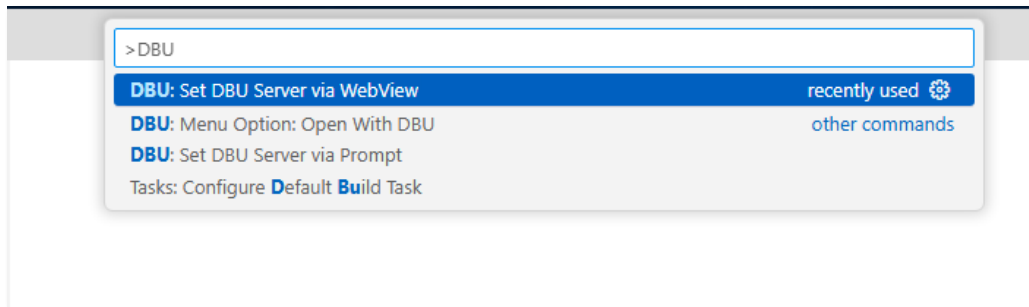
Step 4: Browse Objects

- The objects from your filter will now appear in the **Object Browser**.
- Here you can see **PF, LF, DSPF, PRTF** files and more.



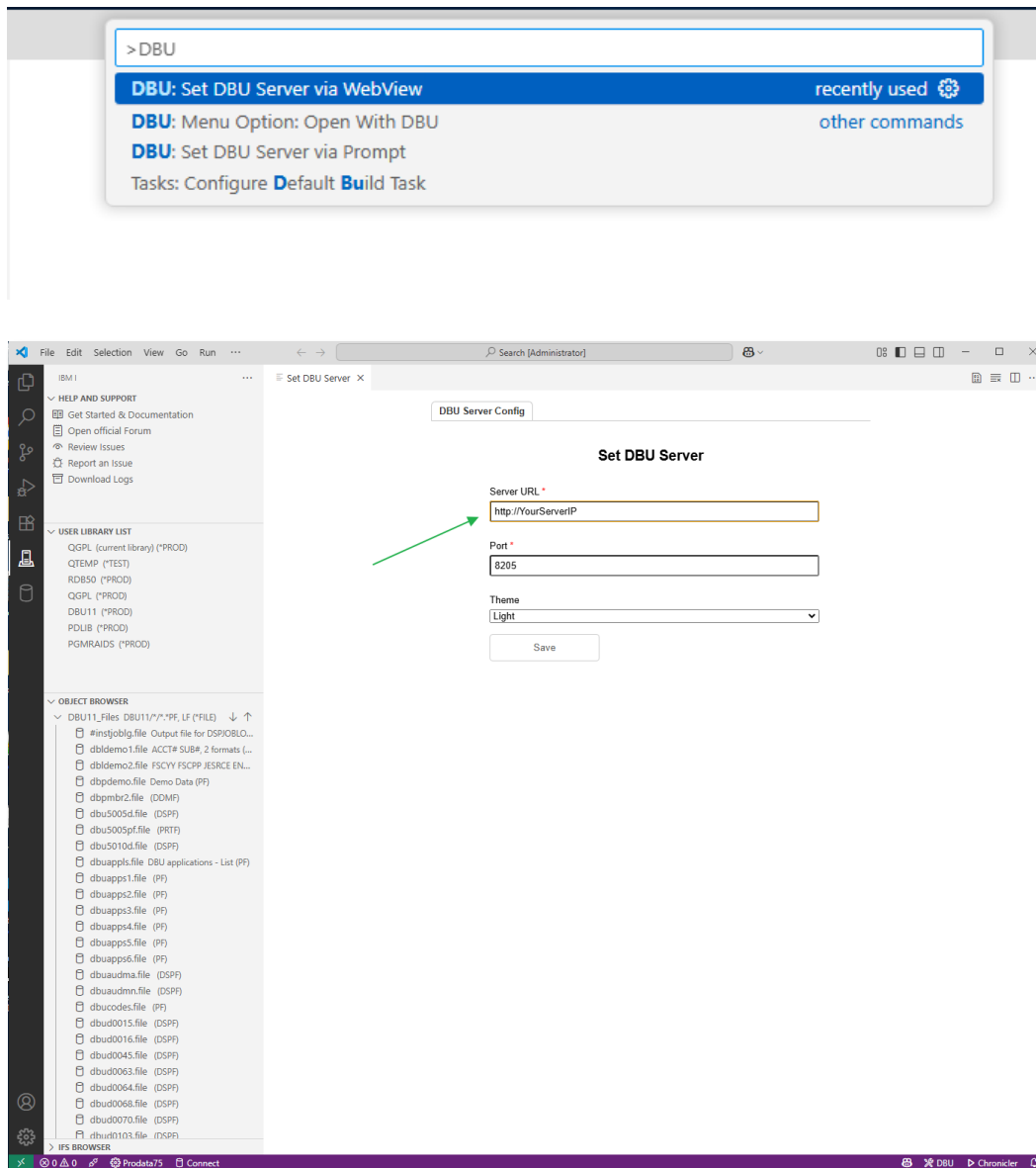
Step 5: Use DBU Commands

- Open the **Command Palette** (Ctrl + Shift + P).
- Type **DBU** to see commands:
 - **Set DBU Server via Prompt**
 - **Set DBU Server via WebView**



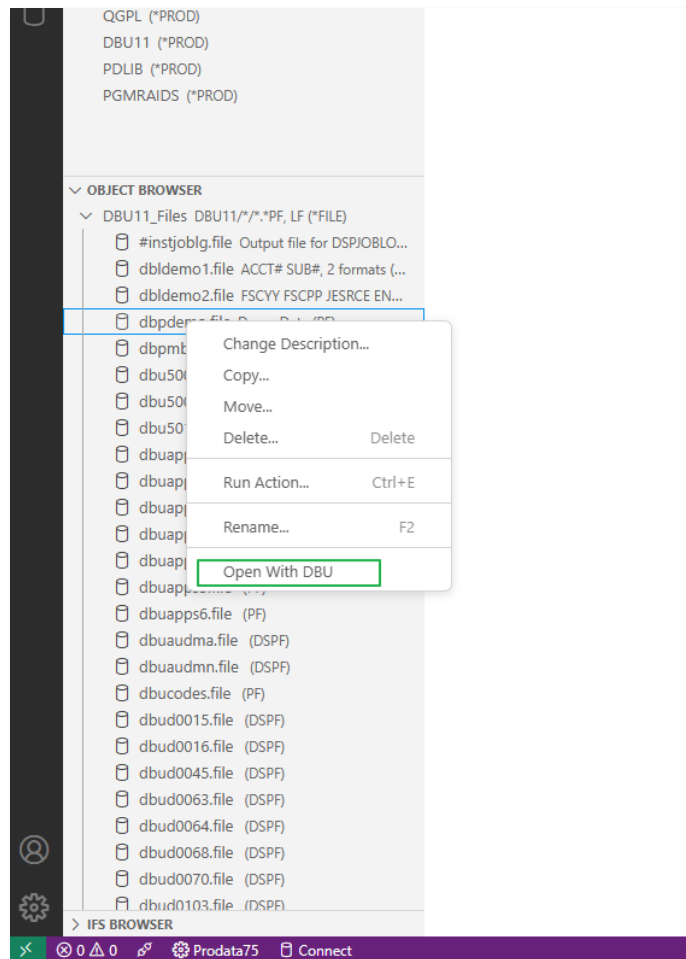
Step 6: Set DBU Server

- Select DBU: Set DBU Server via WebView.
- Enter:
 - Server URL → e.g., http://YourServerIP
 - Port → 8205
 - Theme → Light or Dark
- Save your settings.



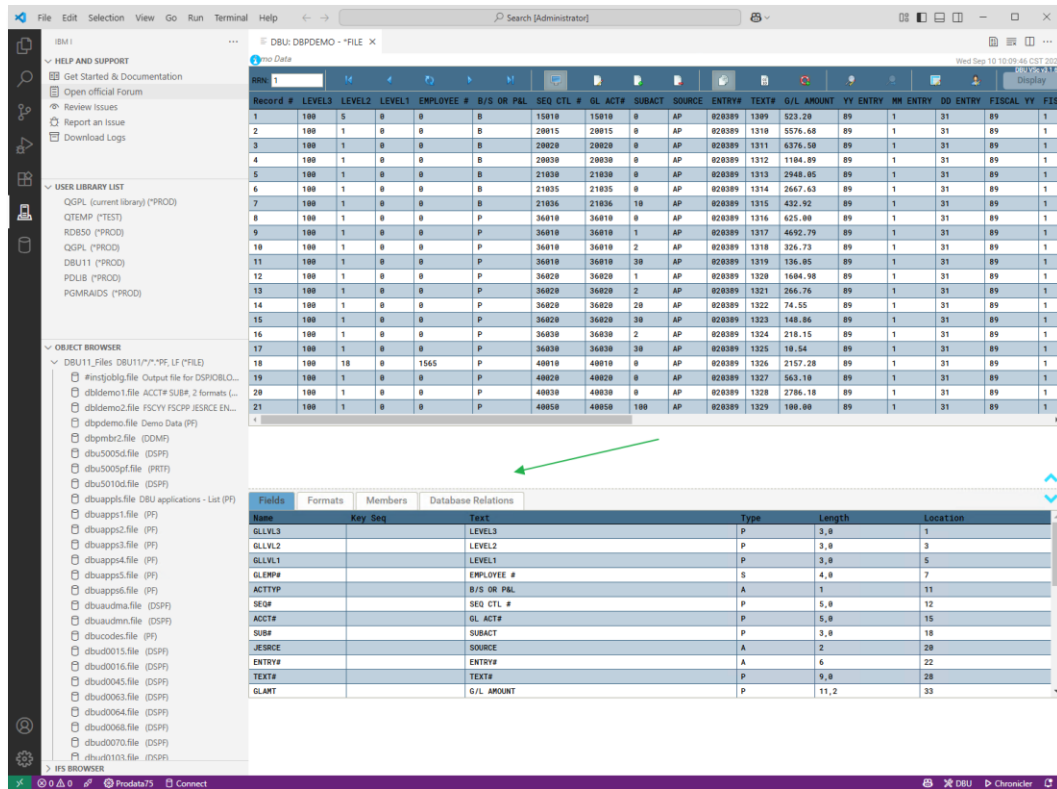
Step 7: Open a File with DBU

- In the **Object Browser**, right-click on a file (for example, DBPDemo).
- Choose **Open With DBU**



Step 8: View Data in DBU

- The file opens in **DBU** inside VS Code.
- You can browse, filter, and edit data directly.
- Your view will open in single mode or multi mode based on your User preferences.
- The bottom section is minimized by default, you will need to click on it to open.

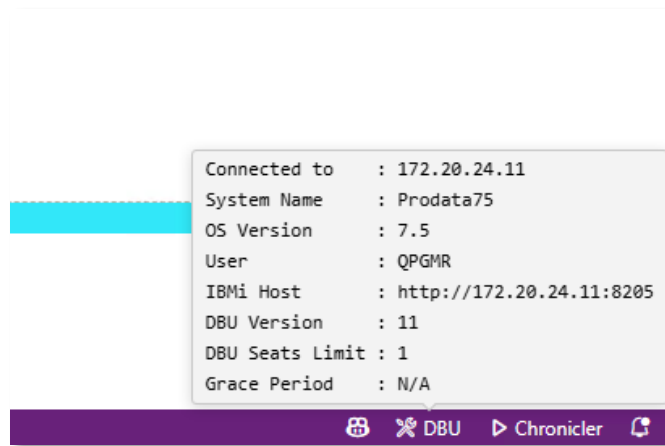


The screenshot shows the VS Code interface with the DBU (Data Browser User Interface) open. The main window displays a table of data with columns: Record #, LEVEL3, LEVEL2, LEVEL1, EMPLOYEE #, B/S OR PAL, SEQ. CTL #, GL ACT#, SUBACT, SOURCE, ENTRY#, TEXT#, G/L AMOUNT, YY ENTRY, MM ENTRY, DD ENTRY, FISCAL YY, and FISCAL MM. The table contains 21 records. A green arrow points to the bottom section of the interface, which is currently minimized. This section contains a table of field definitions with columns: Name, Key Seq, Text, Type, Length, and Location.

Name	Key Seq	Text	Type	Length	Location
GLVL3		LEVEL3	P	3,0	1
GLVL2		LEVEL2	P	3,0	3
GLVL1		LEVEL1	P	3,0	5
GLEMP#		EMPLOYEE #	A	4,0	7
ACTTYP		B/S OR PAL	A	1	11
SEQ#		SEQ. CTL #	P	5,0	12
ACT#		GL ACT#	P	5,0	15
SUB#		SUBACT	P	3,0	18
JESRCE		SOURCE	A	2	20
ENTRY#		ENTRY#	A	6	22
TEXT#		TEXT#	P	9,0	28
GLANT		G/L AMOUNT	P	11,2	33

Step 9: Check License and Server Info

- Hover over the DBU icon in the Status Bar.
- You will see:
 - Connected Host & User
 - IBM i OS Version
 - DBU Version
 - Seats Limit & License Info



☒ You are now ready to use DBU inside VS Code!

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