



DraftSight LISP Debugger

Step-by-step guide

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VISUAL STUDIO CODE LISP DEBUGGER ADD-IN FOR DRAFTSIGHT

Enhance your DraftSight™ workflow with the VSC LISP Debugger Add-In — a powerful tool for editing and debugging LISP and DCL files directly within DraftSight 2025 x64 and earlier versions. Whether you're developing automation scripts or customizing commands, this add-in provides debugging, breakpoints, and variable inspection to simplify and accelerate your development process within the Visual Studio Code interface.

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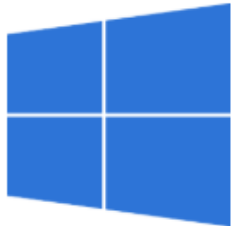
6. START DRAFTSIGHT

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1. DOWNLOAD VISUAL STUDIO CODE

Download and Install the Visual Studio Code program (if not already installed on your computer).

Free and built on open source. Integrated Git, debugging, and extensions



↓ Windows

Windows 10, 11



↓ .deb

Debian, Ubuntu

↓ .rpm

Red Hat, Fedora, SUSE



↓ Mac

macOS 11.0+

User Installer	x64	Arm64
System Installer	x64	Arm64
.zip	x64	Arm64
CLI	x64	Arm64

.deb	x64	Arm32	Arm64
.rpm	x64	Arm32	Arm64
.tar.gz	x64	Arm32	Arm64
Snap	Snap Store		
CLI	x64	Arm32	Arm64

.zip	Intel chip	Apple silicon	Universal
CLI	Intel chip	Apple silicon	

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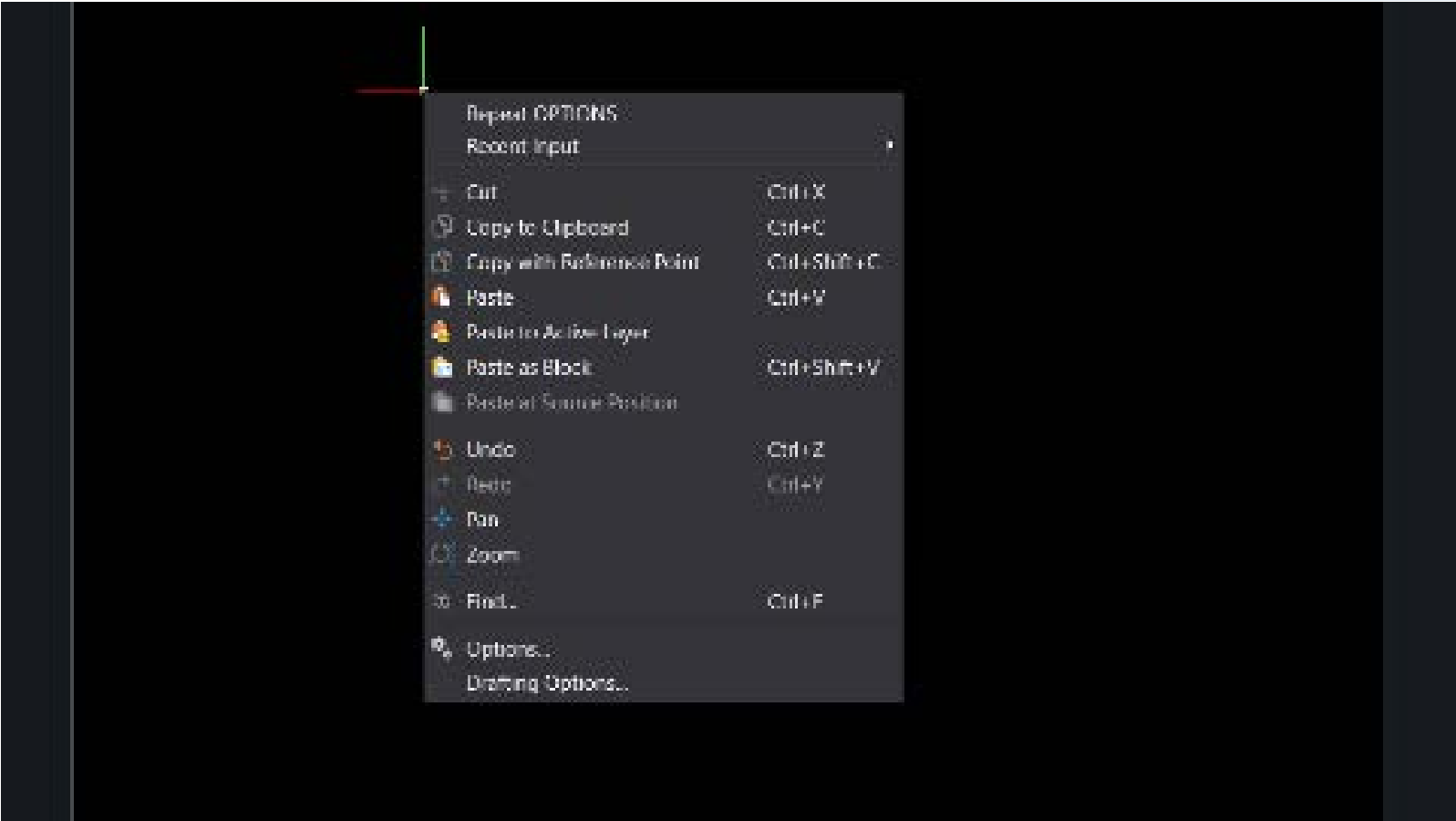
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2. ENABLE DEBUGGING

Open DraftSight and enable debugging:

- Start the DraftSight application and enable debugging.
- Open the Options dialog box, then select System Options -> LispDebugger and check Enable Debugging.
- Close the application to save the settings and launch it again.

Click the image to play the video.



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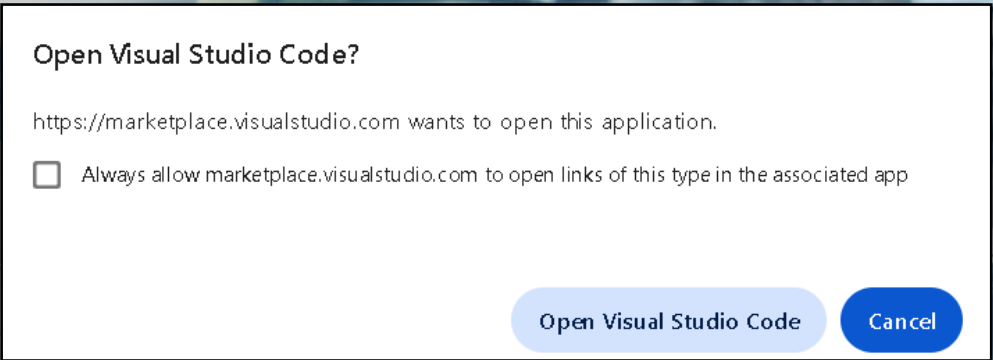
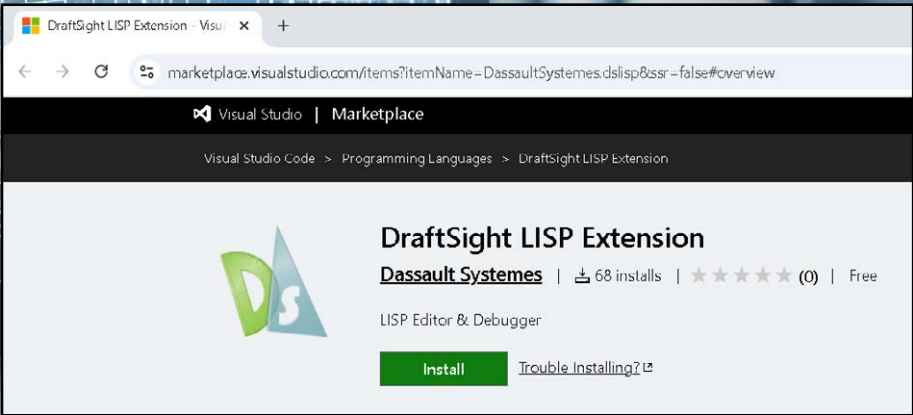
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3. ACCESS DRAFTSIGHT LISP EXTENSION

Go to the link below and install the DraftSight LISP Extension:

<https://marketplace.visualstudio.com/items?itemName=DassaultSystemes.dsllisp&ssr=false#overview>

- A pop-up window will open, asking to Open Visual Studio Code. Click Open.
- Alternatively, open Visual Studio Code and search in the **Extensions: Marketplace** for DraftSight.



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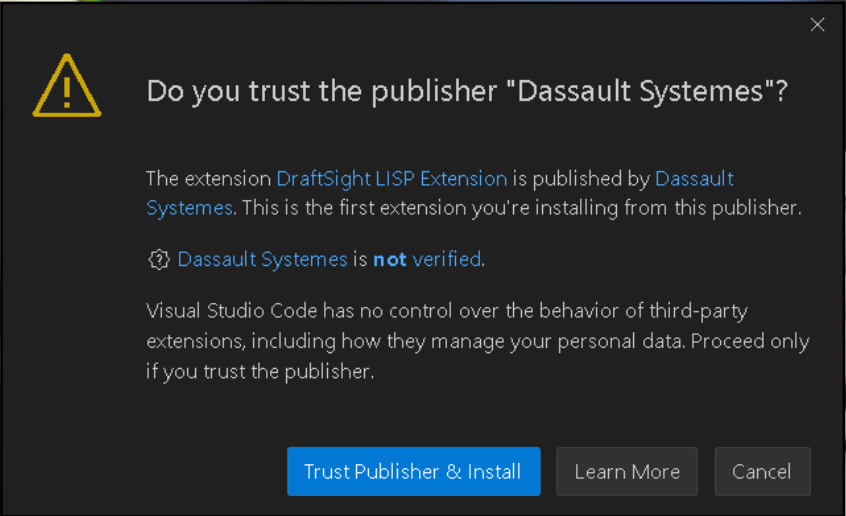
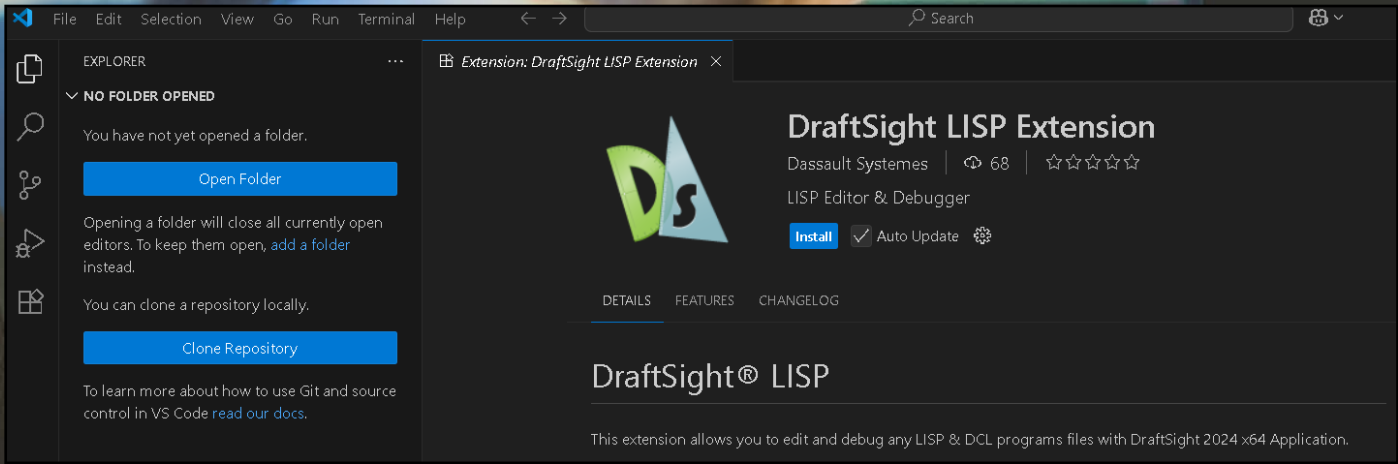
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4. INSTALL DRAFTSIGHT LISP EXTENSION

- Select the Install button.
- Click on Trust Publisher & Install.



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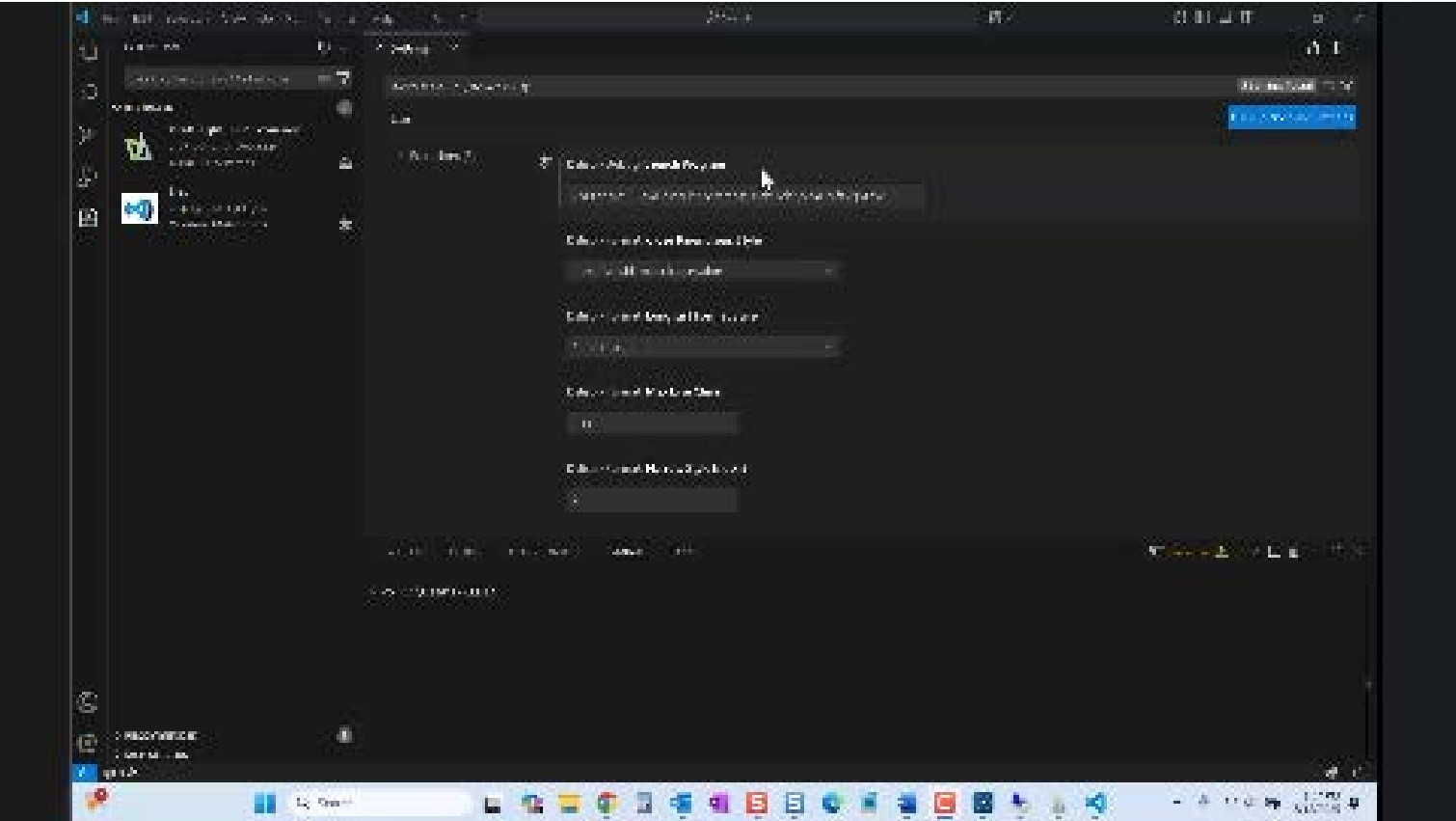
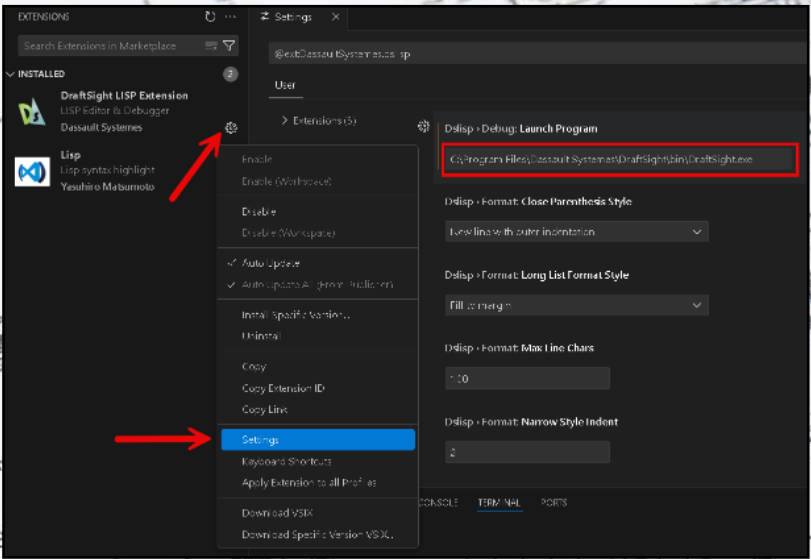
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5. LAUNCH DSLISP DEBUG

- Go to Extension Settings -> Dslisp > Debug : Launch Program.
- In the Empty box type in “C:\Program Files\Dassault Systemes\DraftSight\bin\DraftSight.exe” or the current location of your DraftSight Install.
- Click on Run -> Add Configuration and select DSLISP Debug: Launch.



Click the image to play the video.

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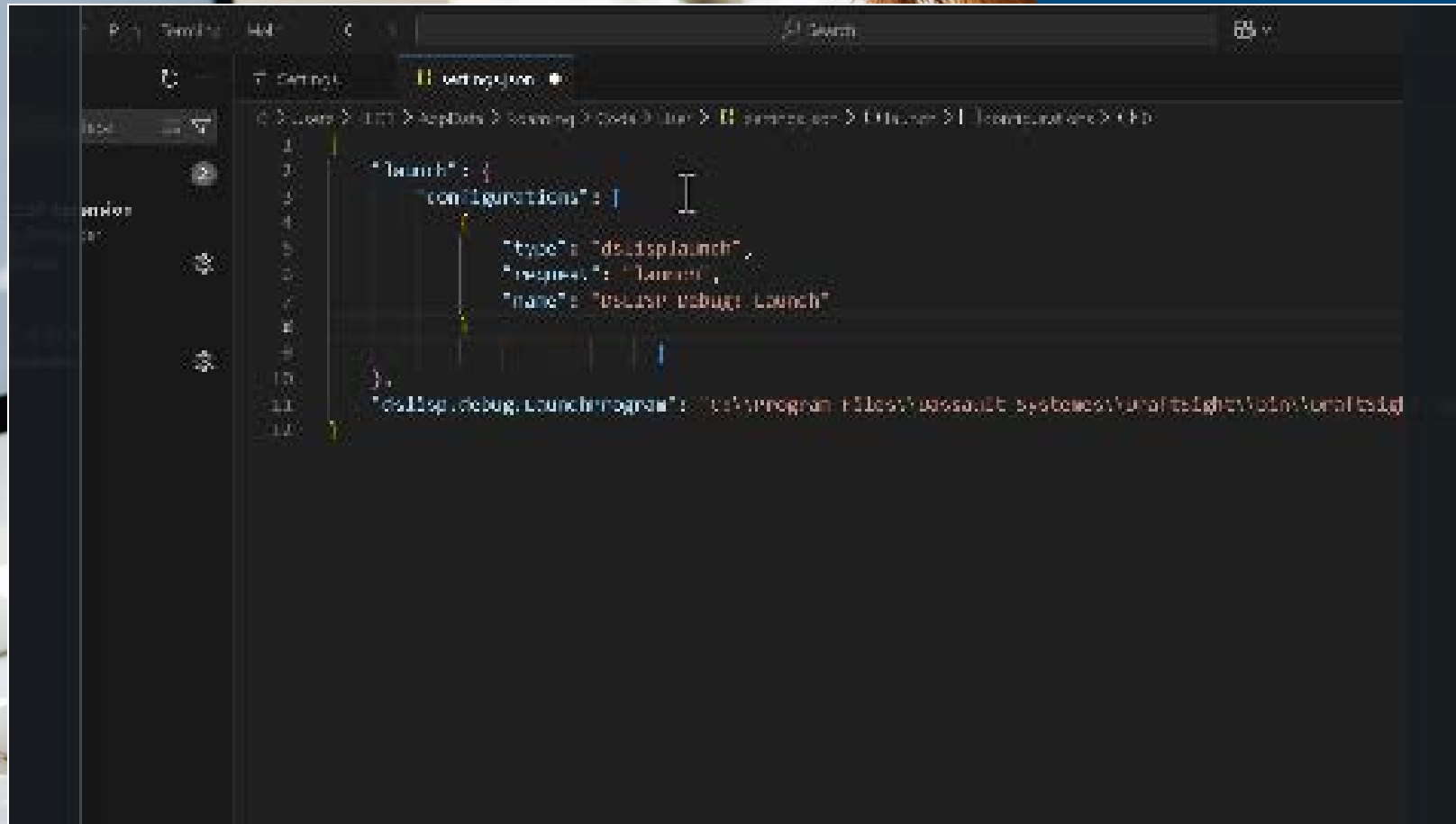
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6. START DRAFTSIGHT

- Click on Run -> Add Configuration and select DSLISP Debug: Attach.

Click the image to play the video.



```
1  {
2    "launch": {
3      "configurations": [
4        {
5          "type": "dslisplaunch",
6          "request": "attach",
7          "name": "DSLISP Debug: Launch"
8        }
9      ]
10     },
11     "dslisp.debug.launchProgram": "${workspaceFolder}/bin/dslisp.exe"
12   }
```

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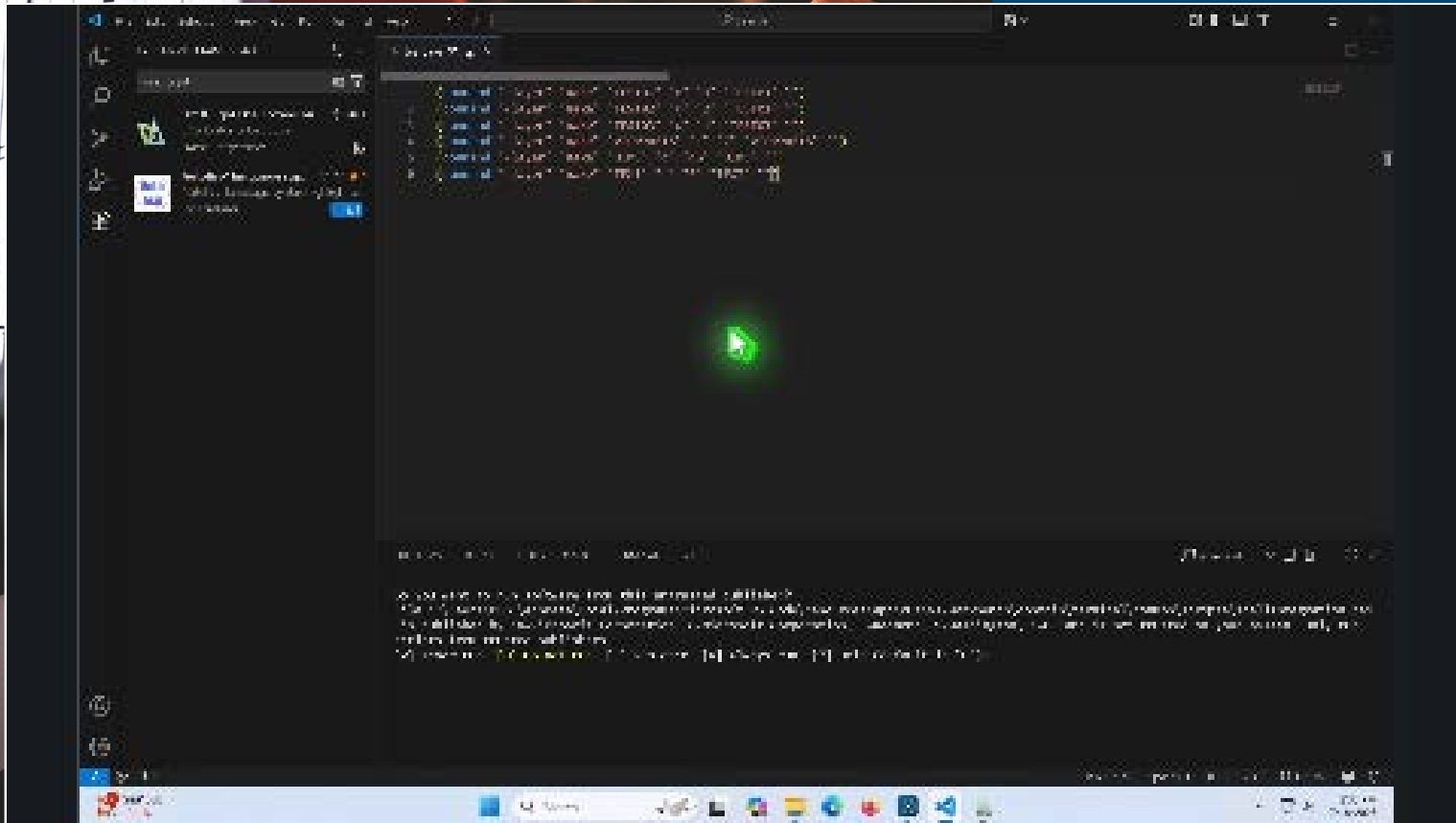
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7. TEST TO SEE IF THE DEBUGGER WORKS

1. Load or type in a LISP routine.
2. Click on the Left panel button Run & Debug
3. Click on Run -> Start Start Debugging or F5 to start debugging.
4. Open DraftSight and check that the debugging has worked.

Click the image to play the video.



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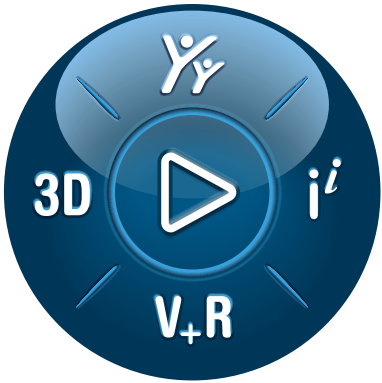
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Virtual Worlds
for Real Life



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