



A Programming Partner for IDL®

IDL Agent empowers you to autonomously write, run, and troubleshoot IDL code.

Simplify Developer Workflows. Accelerate Discovery.

Think of IDL Agent as your buddy that understands code and programming, making IDL more approachable and enabling you to do more with your time. What used to require reading docs and trial-and-error becomes a single instruction: "Help me understand what's wrong and propose a fix."

IDL Agent helps lower the barrier to IDL programming, which lets new team members come up to speed faster for large, complex, or outdated code bases.

```
IDL> ; Create the surface plot with function graphi
s = surface(z, x, y, $
  xtitle='X (radians)', $
  ytitle='Y (radians)', $
  ztitle='Amplitude', $
  title='Sinusoidal Surface: sin(x) * cos(y)',
  color='red')
[2] ✓ 2.0s
...
Sinusoidal Surface: sin(x) * cos(y)
NV5
```

The Power to Quickly:

- Write and run IDL code
- Write and run IDL Notebooks
- Explain code
- Troubleshoot problems
- Ask product questions about IDL

IDL Agent: Example Prompts:

- ✦ *"Create a 'hello-world' IDL Notebook that plots a sinusoidal curve."*
- ✦ *"Can you tell me more about IDL's HTTPRequest class?"*
- ✦ *"Is there a better way to accomplish this task?"*
- ✦ *"Write a vectorized, non-maximum suppression algorithm for cleaning up object detection results (you can be as specific as you want)."*
- ✦ *"What does this section of code do?"*

Get information from your data.