
Subject: IDLWAVE 4.10 (idlwave.org)

Posted by [John-David T. Smith](#) on Tue, 04 Dec 2001 23:21:56 GMT

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== IDLWAVE 4.10 Release (<http://idlwave.org>) ==

JD Smith, who has lots of ideas for how to make the idlwave emacs mode better, but who lets Carsten do all the work, has this to say...

-- David Fanning, 2001. www.dfanning.com

Shamed into action by our society's foremost social critic, I hereby announce that I'll no longer be letting Carsten do all the work, and have taken over as maintainer of IDLWAVE, the Emacs mode for IDL development, shell interaction, and much more.

First I'd like to thank Carsten personally, and on behalf of the entire IDL user community, for the hard work, patient effort, and limitless flexibility that went into making IDLWAVE what it is today. I'll truly be standing on the shoulders of giants. Luckily, this giant will remain around to help one of more limited stature confront the challenges to come.

That said, I now announce availability of IDLWAVE v4.10, with full support for IDL v5.5, including integration of extensive updated documentation materials available only in the "What's New" manual. Look for it at the new IDLWAVE website: <http://idlwave.org> (please update your links).

The important new features of IDLWAVE v4.10:

- Fully qualified for IDLv5.5, with continued support for older versions.
- Integrates new and updated routines, arguments, keywords, and system variables taken from "What's New" directly into the text-based online help, and routine info database.
- Minor improvements to quick-shell mode (`idlwave-shell 'quick'`), which allows you to bring up an IDL shell in Emacs quickly (instead of an xterm).

A sample of the update help:

```
IDL> a=congrid([C-c ?]
```

The routine info panel shows:

```
=====
Usage:  Result = CONGRID( Array, X, Y, Z)
Keywords: CENTER CUBIC INTERP MINUS_ONE
Sources: - SystemLib  [C--] /usr/local/rsi/idl_5.5/lib/congrid.pro
          - Library    [C--] ~/idl/fanning/xcolors.pro
=====
```

Right click on the newly introduced keyword "CENTER" and up pops a help buffer beginning:

```
=====
CENTER
<NEW>If this keyword is set, the interpolation
is shifted so that points...
=====
```

For those of you still wading through "What's New" to find the rest, now might be the time to give IDLWAVE and Emacs a try.

JD Smith
