

# JOD Development Log \*

John D. Baker

bakerjd99@gmail.com

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Figure 1: Development diary for JOD

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\*Last document generation: February 5, 2008

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## 1 2008

### 1.1 January 2008

#### January 16, 2008

Today I started recasting all my JOD documentation as  $\text{\LaTeX} 2_{\epsilon}$ . For the last few months I've been rewriting my word based JOD documentation using *Google's* online word processor. There are somethings I like about this tool.

1. The documents are online.
2. Document source is a variant of HTML.
3. The tool is easy to use.
4. You can export your documents in a number of handy formats.

This is all good but I've reached the point where the limitations of the tool are getting in my way.

One of the main goals of my JOD documentation efforts is to produce and maintain a single primary source. All forms of documentation, PDF, online, paper must be generated automatically from this single source *without vast headaches*. The Google tool just isn't up to this.

I was planning to write some J code to convert the quasi-HTML generated by the Google tool to  $\text{\LaTeX} 2_{\epsilon}$  but I quickly discovered this is just too much work!

My new plan is:

1. Write the JOD document using  $\text{\LaTeX} 2_{\epsilon}$ .
2. Convert the  $\text{\LaTeX} 2_{\epsilon}$  to HTML using `latex2html`.
3. Write some J code to split up the generated HTML for `jodhelp`.

This will still be a lot of work. `latex2html` comes from the Perl/Linux world and getting it working under Windows will require some tweaks. It has been done so I won't be breaking new ground — not gonna do that anymore for documentation.

## 1.2 February 2008

### February 1, 2008

I have been playing with Oleb's *graphviz* addon. Figure 2 on page 3 displays the current class structure of the JOD system.

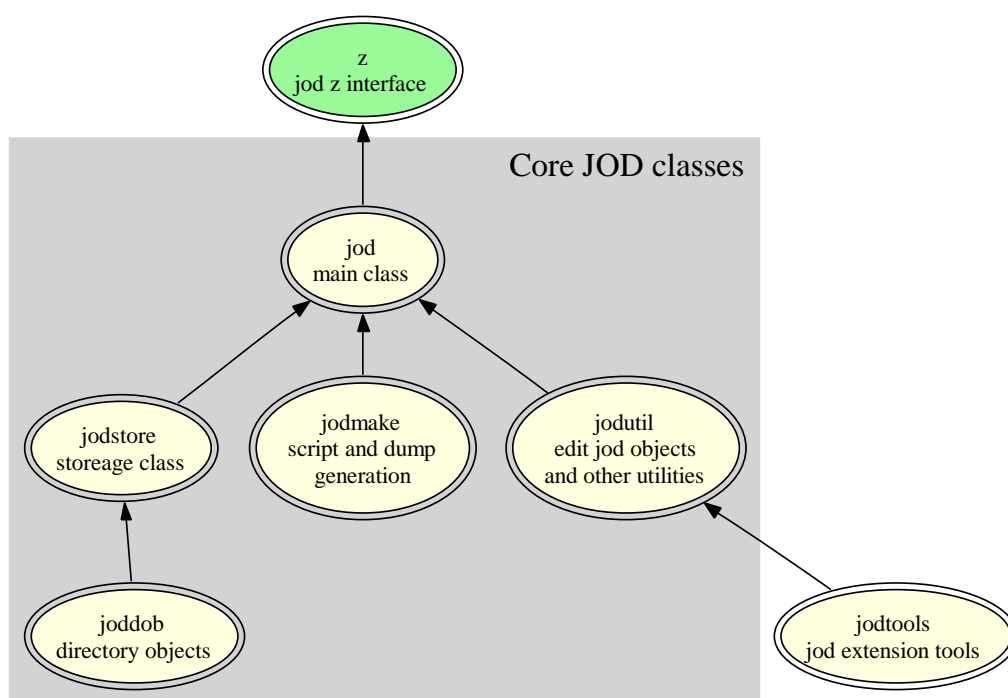


Figure 2: JOD Class digraph.

### February 5, 2008

Yesterday I had a colonoscopy and today I'm preparing to pay both US and Canadian income taxes. The colonoscopy affirmed there is room up there for the incoming tax broom handle. On the JOD front I worked on converting

JOD Google documents to  $\text{\LaTeX 2}_{\epsilon}$  I am aiming to produce a single definitive PDF JOD document that describes the system.

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