

GPL: Including GPL-2 in Prod

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Abstract Adding the dreaded “viral” copyright notice to PROD code. Open source rules!

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1 Configuration

The files `defaults.gpl` in Figure 1 and `config.gpl` in Figure 2 show the usual configuration settings of a PROD GPL file. Those options are:

program : name of program;
version : version number;
copyright : 2002;
copywho : copyright owner;
motto : trice cliché.
verbose : verbose mode. If “0”, then other code might elect to suppress certain standard strings.

```

                                defaults.gpl
program = "GPL".
version  = "0.1".
copyright = "2003".
copywho  = "Tim Menzies".
motto    = "Open source rules!".
verbose  = 0.
  
```

Fig. 1 Standard defaults.

```

                                config.gpl
verbose=1. % lets make some noise.
  
```

Fig. 2 User preferences.

2 Installation

```

8 :- load_files([lib % grab standard stuff
9                ,cfg % need the config stuff
10               ,gpl0 % pre-load actions
11               ,gpl1 % load predicates
12               ,gpl2 % start-up commands
13               ],[silent(yes),if(changed)]).
  
```

3 Pre-load actions

None.

4 Show license

A cheery hellow.

```

14 hello :-
15     [program,version,copyright,motto,copywho]:=[N,V,Y,M,C],
16     format('~s version ~s\n Copyright (C) ~s by ~s\n',
17            [N,V,Y,C]),
18     format(' ~s"\n\n~s ~s ',[M,N,V]),
19     chars('nowarranty.txt').
  
```

Print the warranty (short).

```

20 warranty :-
21     [program,copyright,copywho]:=[P, Y,C],
22     format('~s by ~s\n Copyright (C) ~s\n\n',[P,C,Y]),
23     chars('warranty.txt'),nl. % see §A.2
  
```

Print the whole license (see back of this files)

```

24 conditions :-
25     chars('conditions.txt'),nl.
  
```

5 Start-up actions

Usual stuff.

```
26 :- sneak(  
27     ['defaults.gpl' % see Figure 1  
28     , 'config.gpl' % see Figure 2  
29     ] ).  
30  
31 :- commandLine.  
32 :- ?verbose -> hello ; true.
```

6 Bugs

None known but many suspected.

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References

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A.2 *warranty.txt*

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A.3 *conditions.txt*

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1. *prod1.pl* : "An example of the PROD Prolog delivery and documentation system."
Available from <http://tim.menzies.com/pdf/03prod1.pdf>.
2. *prod.pl* : "A PROlog Documentation, and Delivery Tool".
Available from <http://tim.menzies.com/pdf/03prod.pdf>.
3. *prod0.pl* : "TITLE": a bare-bones minimal example of PROD.
Available from <http://tim.menzies.com/pdf/03prod0.pdf>.
4. *prodabout.pl* : "Motivations": the why and who of PROD.
Available from Available from <http://tim.menzies.com/pdf/03prodabout.pdf>.
5. *family.pl* : "A family database": documentation of a very simple Prolog family database.
Available from <http://tim.menzies.com/pdf/03family.pdf>.
6. *lib.pl* : "Commonly used predicates":
Available from <http://tim.menzies.com/pdf/03lib.pdf>.
7. *cfg.pl* : "Handler for config files and command line options":
Available from <http://tim.menzies.com/pdf/03cfg.pdf>.
8. *gpl.pl* : "Including GPL-2 in Prod":
Available from <http://tim.menzies.com/pdf/03gpl.pdf>.
9. *omo.pl* : "Software cost estimation":
Available from <http://tim.menzies.com/pdf/03gpl.pdf>.

Fig. 3 This document is part of the PROD delivery and documentation tool for Prolog applications. To find out more about PROD, the best place to start is memo #2.

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