











	Thoog Operators
	:- op(P,T,O)
	declares an operator symbol \bigcirc with precedence P and type T
Exar	aple:
	:- op(500,xfx,'has_color')
	a has_color red.
	b has_color blue.
then	
	?- b has_color C.
	C = blue.
	?- What has_color red.
	What = a.

Operator precedence/type

• Precendence P is an integer: the larger the number, the less the precedence (ability to group).

• Type **T** is one of:

т	Position	Associativity	Examples
xfx	Infix	Non-associative	is
xfy	Infix	Right-associative	1. 1
yfx	Infix	Left-associative	+ - * /
fx	Prefix	Non-associative	?-
fy	Prefix	Right-associative	
xf	Postfix	Non-associative	
yf	Postfix	Left-associative	





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browse(File) :-	
seeing(Old),	<pre>/* save for later */</pre>
<pre>see(File), repeat,</pre>	<pre>/* open this file */</pre>
read(Data),	/* read from File */
process(Data),	
seen,	/* close File */
see(Old),	<pre>/* prev read source */</pre>
1.	/* stop now */
process(end of file) :- !.
process(Data) :- w	rite(Data), nl, fail.

Natural Language Parsin (Example from "Learn Prolog Now!" Online Tutorial)	g
<pre>word(article,a). word(article,every). word(noun,riminal). word(noun,'big kahuna burger'). word(verb,eats). word(verb,likes).</pre>	
<pre>sentence(Word1,Word2,Word3,Word4,Word5) : word(article,Word1), word(noun,Word2), word(verb,Word3), word(article,Word4), word(noun,Word5).</pre>	-
C. Varela	13





