PDL Quick Reference	pip install prompt-declaration-language	pdl examples/hello/hello.pdl	
LLM call with current context	Including a PDL file	Optional keywords for any block	
<pre>model: watsonx/ibm/granite-13b-chat-v2 parameters:   temperature: 0.1</pre>	<pre>include: ./helper_defs.pdl</pre>	description: documentation text	
	Declaring and calling functions	def: x # define variable from block	
LLM call with explicit input	<pre>def: add function:     x: int     y: int return: \${x + y}  call: add args:     x: 2     y: 2</pre>	<pre>defs: # define multiple variables   x: v1   y: v2</pre>	
<pre>model: watsonx/ibm/granite-13b-chat-v2 parameters:    temperature: 0.1 input:    array:    - role: user    content: Hello,</pre>		role: user # or system or assistant	
		<pre>contribute: [result, context] # or less</pre>	
		<pre>parser: json # or json1, yam1, regex</pre>	
		<pre>spec: type # type specification</pre>	
Reading from a file or stdin	<pre>pdl_context: [] # optional</pre>		
<pre>read: # optionally, add file name message: Please enter an input. multiline: true # omit to stop at \n</pre>	Control constructs	spec Types (shorthand for JSON Schema)	
	<pre>if: \${x &gt; 0} then: positive else: non-negative</pre>	Basic types	str, int, float, bool, null
		Arrays	[int]
Creating data (v1, v2 can be any block)	<pre>for: # outputs 2_0_5    i: [1, 0, 1]    j: [2, 3, 5] repeat: \${i * j} join:    with: _ # optional</pre>	Objects	{x: int, y: int}
text: # outputs "v1v2" - v1		Enums	{enum: [red, green, blue]}
- v2		44. 5 =	
<pre>lastOf: # outputs v2   - v1   - v2</pre>		\${} Expressions (subset of Jinja2)	
	<pre>repeat: # outputs HiHiHi   text: Hi num_iterations: 3</pre>	Basic values	"hi", 5, 3.1, true, none
<b>array:</b> # outputs [v1, v2] - v1 - v2		Arrays	[1, 2, 3]
	<pre>repeat:     def: x     read: until: \${(x   trim) == "stop"}</pre> Executing code	Objects	{"x": 4, "y": 5}
<pre>object: # outputs {k1: v1, k2: v2} k1: v1 k2: v2</pre>		Variables	x, y[0], z.f
		Operators	+, -, *, /, //, %, **, ~, and, or, not, ==, <, >, in
<pre>data: # outputs {k1: v1, model: v2}   k1: v1   model: v2 # no LLM call</pre>	lang: python	Tests	x if x is defined else 0
	code: result = "Hello, world!"	Filters	x   default(0)