

Finalized Set of New Tags - 3/22/2021

This excludes the pre-existing standard set of English tags (Penn Treebank)

Tag	Description	Example
<am>	Access Modifier	<u>public</u> <u>static</u> void main()
<?st>	Conditional Statement	<u>if</u> (true) { } int i = true & 4 : 2;
<;>	End of statement	String hello = "world";
<type>	Language type	<u>class</u> Color Object
<typen>	Type name	<u>String</u> hello = "world" class <u>Color</u>
<{>	Open block	if (true) { }
<}>	Close block	if (true) { }
<(>	Open parenthesis (in code)	if (true) { }
<)>	Close parenthesis (in code)	if (true) { }
<[>	Open bracket	new String[] {"hello", "world"};
<]>	Close bracket	new String[] {"hello", "world"};
<,>	Comma (in code)	new String[] {"hello", "world"};
<var>	A variable in code	String <u>hello</u> = "world";
<func>	A function/method	public static void <u>main</u> ()
<=>	Gets	String hello = "world";
<par>	Parameter of function/method	public test(String <u>hello</u>) function(<u>a</u>)
<return>	Return statement	<u>return</u> hello;
<loop>	Iterative loop	<u>while</u> (true) { }
<value>	Value	int i = <u>42</u> ;
<">	Double quotes	String hello = "world";

<'>	Single quotes	<i>char c = 'a';</i>
<inherit>	Inheritance	<i>public class foo <u>extends</u> bar</i> <i>public class foo <u>implements</u> bar</i>
<op_mat>	Mathematical Operator	<i>int i = ((2 ± 2) ± ((4 * 3) / 6) % 3);</i> <i>expr<u>++</u></i> <i><u>!expr</u></i> <i>a<u>&b</u></i>
<op_rel>	Relational Operator	<i>if(a ≤ b) { }</i>
<op_log>	Logical Operator	<i>if(a (b && c)) { }</i>
<op_gets>	Assignment Operator	<i>int a += 7;</i>
<.>	Dot (in code)	<i>foo.bar();</i>
<error>	Error or exception handling keywords	<i><u>try</u> {</i> <i>...</i> <i>} <u>catch</u> (Exception ex) {</i> <i>...</i> <i>}</i>
<generic_type>	< or > around a generic	<i>HashMap ≤ String, LongAdder ≥</i>
<new>	instantiation	<i><u>new</u> AbstractMap</i>
<comment>	Start or end of comment	<i>// this is a comment</i>
<cf>	Control flow	<i><u>break</u>; or <u>continue</u>;</i>

Notes

State in the report ambiguity in certain tags (ex: dot)

Do something with:

Format or other descriptive tech words? (ex: utf-16)

Concatenation or something of the sort?

See below for example documentation:

<https://docs.oracle.com/javase/8/docs/api/>

<https://www.javatpoint.com/operators-in-java>