

ident		examples
foo	■	foo

ident		counterexamples
0	■	<p><b>Parsing error:</b> The input does not match the expected format.</p> <pre>1   0     ^ Regex does not match</pre> <p>While trying to parse: &lt;ident&gt;.</p>



ident-list		examples
x	■	("x",)



atom		examples
x	■	(id: "x")
(x)	■	(id: "x")
((((x))))	■	(id: "x")

atom		counterexamples
(x	■	<p><b>Parsing error:</b> The input does not match the expected format.</p> <pre>1   (x     ^ Can't match string ")"</pre> <p>While trying to parse: &lt;atom&gt;.</p>
x_y	■	<p><b>Parsing error:</b> The parser did not consume the entire input.</p> <pre>1   x_y     ~ ^ Surplus characters         Valid &lt;atom&gt;</pre> <p>Hint: halted due to the following:</p> <pre>1   x_y     ^ No longer part of the regex match</pre> <p>While trying to parse: &lt;atom&gt; → &lt;ident&gt;.</p>

app-expr		examples
x	■	(id: "x")
x_y_z	■	(app: ((id: "x"), (id: "y"), (id: "z")))
x_(y_z)	■	(app: ((id: "x"), (app: ((id: "y"), (id: "z")))))

lambda-expr		examples
\x.y	■	(args: ("x",), body: (id: "y"))

lambda-expr		examples
<code>\x.\y.z</code>		<pre>(   args: ("x",),   body: (args: ("y",), body: (id: "z")), )</pre>
<code>\x,y.(x_((\z.z)_y))</code>		<pre>(   args: ("x", "y"),   body: (     app: (       (id: "x"),       (app: ((args: ("z",), body: (id: "z")), (id: "y")))),     ),   ), )</pre>

parsing		
14	14	0

```
(
  args: ("x",),
  body: (args: ("y",), body: (app: ((id: "y"), (id: "x")))),
)
```

**Parsing error:** The input does not match the expected format.

1 | \x.\_\y\_y\_x  
     ^ Can't match string “.”

While trying to parse: <expr> → <lambda-expr> → <lambda-expr> → <dot>.