

ident		examples
foo		foo

ident		counterexamples
θ		<p><b>Parsing error:</b> The input does not match the expected format.</p> $1 \mid \theta$ <p style="color: red;">^ Regex does not match</p> <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> $1 \mid (x$ <p style="color: red;">^ Can't match string ")"</p> <p>While trying to parse: &lt;atom&gt;.</p>
x <u>y</u>		<p><b>Parsing error:</b> The parser did not consume the entire input.</p> $1 \mid x_u y$ <p style="color: red;">~  ^ Surplus characters</p> <p style="color: green;">  Valid &lt;atom&gt;</p> <p>Hint: halted due to the following:</p> $1 \mid x_u y$ <p style="color: red;">^ No longer part of the regex match</p> <p>While trying to parse: &lt;atom&gt; → &lt;ident&gt;.</p>

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

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>.