

Ruby - Bug #20186

Ripper does not generate AST for some keywords in Ruby 3.3

01/16/2024 06:39 AM - kzkn (Kazuki Nishikawa)

Status:	Open	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	3.3.0	Backport: 3.0: UNKNOWN, 3.1: UNKNOWN, 3.2: UNKNOWN, 3.3: UNKNOWN

Description

Ripper does not generate AST for the below keyword:

- break
- next
- redo
- retry
- yield

Ruby 3.2

```
$ ruby -v
ruby 3.2.2 (2023-03-30 revision e51014f9c0) [x86_64-linux]
$ ruby -rripper -e "p Ripper.sexp('break') "
[:program, [[:break, []]]]
$ ruby -rripper -e "p Ripper.sexp('next') "
[:program, [[:next, []]]]
$ ruby -rripper -e "p Ripper.sexp('redo') "
[:program, [[:redo]]]
$ ruby -rripper -e "p Ripper.sexp('retry') "
[:program, [[:retry]]]
$ ruby -rripper -e "p Ripper.sexp('yield') "
[:program, [[:yield0]]]
```

Ruby 3.3

```
$ ruby -v
ruby 3.3.0 (2023-12-25 revision 5124f9ac75) [x86_64-linux]
$ ruby -rripper -e "p Ripper.sexp('break') "
nil
$ ruby -rripper -e "p Ripper.sexp('next') "
nil
$ ruby -rripper -e "p Ripper.sexp('redo') "
nil
$ ruby -rripper -e "p Ripper.sexp('retry') "
nil
$ ruby -rripper -e "p Ripper.sexp('yield') "
nil
```

EDIT)

Here is a case of real-world problem: <https://github.com/ruby-formatter/rubo/issues/319>

History

- #1 - 01/25/2024 07:02 AM - kzkn (Kazuki Nishikawa)
- Description updated
- #2 - 04/24/2024 10:21 PM - rdimartino (Robert DiMartino)
Another case of this causing a problem https://github.com/davidwessman/syntax_tree-erb/issues/81
- Relevant commits, I believe:
<https://github.com/ruby/ruby/commit/e1250a5f9778f463a541bc1ee5a951f64c131bbf>

<https://github.com/ruby/ruby/commit/29e5fca7181de5f0db372374d5f39704f81f2731>
<https://github.com/ruby/ruby/commit/b5e23d3e3b5ff2f5328aa43a2392ebe7c951a222>