

- Discontinuation

You can't do a goto into a block that is optimized away. Darn.

```
goto marker1;

for(1){
marker1:
    print "Here I is!\n";
}

# perl4 prints: Here I is!
# perl5 errors: Can't "goto" into the middle of a foreach loop
```

- Discontinuation

It is no longer syntactically legal to use whitespace as the name of a variable, or as a delimiter for any kind of quote construct. Double darn.

```
$a = ("foo bar");
$b = q baz ;
print "a is $a, b is $b\n";

# perl4 prints: a is foo bar, b is baz
# perl5 errors: Bareword found where operator expected
```

- Discontinuation

The archaic while/if BLOCK BLOCK syntax is no longer supported.

```
if { 1 } {
    print "True!";
}
else {
    print "False!";
}

# perl4 prints: True!
# perl5 errors: syntax error at test.pl line 1, near "if {"
```

- BugFix

The \*\* operator now binds more tightly than unary minus. It was documented to work this way before, but didn't.

```
print -4**2,"\n";

# perl4 prints: 16
# perl5 prints: -16
```

- Discontinuation

The meaning of `foreach{}` has changed slightly when it is iterating over a list which is not an array. This used to assign the list to a temporary array, but no longer does so (for efficiency). This means that you'll now be iterating over the actual values, not over copies of the values. Modifications to the loop variable can change the original values.