Error(s) Free Programming

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We all do it

"There was 1 error(s)"

$@
%&

"You have 3 message(s) waiting"

Good enough

$@
%&

Is it?

$@
%&

Bad English

$@
%&

txtspk

$@
%&

"Good enough" isn't good enough

Why do we do it?

Lazy

$@
%&

```
if ($count == 1) {
  $word = 'error';
} else {
  $word = 'errors';
}
```

```
$word = 'error';
$word .= 's'
   if $count != 1;
```

Tedious

$@
%&

There is a solution

Lingua::EN::Inflexion

Inflects words for you

$@
%&

Nouns

Nouns (Things)

$@
%&

Verbs

Verbs
(Actions)

Adjectives

Adjectives (Descriptions)

```perl
$word = noun('error');
say $word->singular; # error
say $word->plural;   # errors
```

```
$word = verb('was');
say $word->singular; # was
say $word->plural;   # were
```

```
$word = adj('our');
say $word->singular; # my
say $word->plural;   # our
```

Knows grammar

$@
%&

```perl
noun("uncle")->indef_article(); # "an"
noun("union")->indef_article(); # "a"
noun("house")->indef_article(); # "a"
noun("hours")->indef_article(); # "an"
```

as_regex()

```
$text =~ noun('cow')->as_regex
```

```
$text =~ noun('cow')
```

```
say noun('cow')->as_regex
# (?^i:kine|cows|cow)
```

```
say noun('cow')->as_regex
# (?^i:kine|cows|cow)
```

Does this help?

Not Really!

$@
%&

```
$word = noun('error');
if ($count == 1) {
  say $word->singular;
} else {
  say $word->plural;
}
```

```perl
$word = noun('error');
my $method =
    (count == 1) ?
    'singular' :
    'plural';

say $word->$method;
```

No Simpler

Easier interface

$@
%&

inflect()

```
inflect("<#:$count>
        <N:error>
        <V:were>
        found");
```

```
for (0 .. 5) {
  inflect("<#:$_>
          <N:error>
          <V:were>
          found");
}
```

```
0 errors were found
1 error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found
```

```
0 errors were found
1 error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found
```

```
0 errors were found
1 error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found
```

```
inflect("<#:$count>
        <N:error>
        <V:were>
        found");
```

```
inflect("<#:$count>
        <N:error>
        <V:were>
        found");
```

```
<#:$count>
<N:error>
<V:were>
```

```
<#:$count>
<N:error>
<V:were>
```

$@
%&

```
<#:$count>
<N:error>
<V:were>
```

```
<#:$count>
<N:error>
<V:were>
```

$@
%&

`<#:$count>`

`<N:error>`

$@
%&

`<V:were>`

<A:our>

$@
%&

```
0 errors were found
1 error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found
```

$@
%&

Job Done!

$@
%&

But

$@
%&

0 errors
or
no errors

$@
%&

`<#:$count>`

`<#xx:$count>`

`<#`**`xx`**`:$count>`

$@
%&

`<#n:$count>`

```
no errors were found
1 error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found
```

no errors were found
1 error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found

$@
%&

no errors
or
no error

$@
%&

`<#s:$count>`

$@
%&

no error was found
1 error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found

```
no error was found
1 error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found
```

1 error
or
an error

$@
%&

`<#a:$count>`

```
0 errors were found
an error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found
```

```
0 errors were found
an error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found
```

`<#an:$count>`

no errors were found
an error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found

no errors were found
an error was found
2 errors were found
3 errors were found
4 errors were found
5 errors were found

Words or Numbers?

`<#w:$count>`

zero errors were found
one error was found
two errors were found
three errors were found
four errors were found
five errors were found

$@
%&

zero errors were found
one error was found
two errors were found
three errors were found
four errors were found
five errors were found

Our users can't count

$@
%&

WTF

$@
%&

"f*** the users"

`<#f:$count>`

no errors were found
one error was found
a couple of errors were found
a few errors were found
several errors were found
many errors were found

no errors were found
one error was found
a couple of errors were found
a few errors were found
several errors were found
many errors were found

```
for (0, 1, 2, 4, 7, 10) {
    …
}
```

inflect()

Lazy

$@
%&

"Good enough" isn't good enough

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All profits go to The Perl Foundation

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