

Backpan to Github

(Lightning talk)

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CPAN

+++ git

The Problem

- CPAN supplies only tarballs
- Most modules haven't a public VCS
- So, comparison between version is not easy

The Solution

- A small script 'bp2git'
 - written by rjbs - Ricardo Signes (See his [blog](#))
 - Retrieve all versions from BACKPAN
 - Create an local GIT repository
 - with author /version
 - with date / version
- Push it at Github or Gitorious
 - Create your account
 - Create an repository & push

An Example

The screenshot shows the gitk GUI window titled "gitk: corba-idl". The window has a menu bar with "File", "Edit", "View", and "Help". Below the menu bar is a commit history list with columns for commit messages, author names, and dates. The selected commit is "import version 2.46 from backpan" by Francois Perrad, dated 2006-05-18 11:50:56. Below the commit history is a SHA1 ID field containing "e31b605c11330656589c17e9b439b9cf00585f54" and a "Row" indicator showing "11 / 31".

The main area of the window is a diff view. The "Diff" radio button is selected. The "Lines of context" is set to 3. The diff shows changes to the file "node.pm". The diff output is as follows:

```
----- node.pm -----
index 7e5dd17..454595b 100644
@@ -8,7 +8,7 @@ use UNIVERSAL;
 package CORBA::IDL::node;

 use vars qw($VERSION);
- $VERSION = '2.45';
+ $VERSION = '2.46';

 sub _Build {
     my $proto = shift;
     my $eval {
@@ -1135,7 +1135,11 @@ sub _Eval {
         if ($type eq $parser->YYData->{symtab}->Lookup($elt->{type})) {
             return $elt;
         } else {
-             $parser->Error("'${elt->{idf}}' is not a '${type->{idf}}'.\n");
+             if ($type->isa('EnumType')) {
+                 $parser->Error("'${elt->{idf}}' is not a '${type->{idf}}'.\n");
+             } else {
+                 $parser->Error("'${elt->{idf}}' is not a '${type->{idf}}'.\n");
+             }
         }
     }
     return undef;
 }
```

On the right side of the window, there is a sidebar with a "Patch" radio button selected and a "Tree" radio button. Below the sidebar is a list of files: "Comments", "Changes", "META.yml", "Makefile.PL", "node.pm", and "repos_id.pm".

+++ git

Reference Links

- Ricardo Signes
 - <http://rjbs.manxome.org/rubric/entry/1720>
 - <http://github.com/rjbs/misc/blob/master/bp2git>
- Public hosting :
 - <http://github.com/>
 - <http://gitorious.org/>
- GIT :
 - <http://git-scm.com/>
 - ...