

Backpan to Github

(Lightning talk)

François Perrad

francois.perrad@gadz.org

PAUSE ID : PERRAD

Parrot SVN : fperrad

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 for a repository named 'corba-idl'. The top window displays a list of commits, with the selected commit being 'import version 2.46 from backpan' by Francois Perrad, dated 2006-05-18 11:50:56. The SHA1 ID is e31b605c11330656589c17e9b439b9cf00585f54. Below this, the 'Diff' view shows changes to 'node.pm'. The diff highlights the following changes:

```
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 $parser->YYData->{symtab}->Lookup($self->{type})) {
         return $self;
     } else {
-         $parser->Error("'${self->{idf}}' is not a '${type->{idf}}'.\n");
+         if ($type->isa('EnumType')) {
+             $parser->Error("'${self->{idf}}' is not a '${type->{idf}}'.\n");
+         } else {
+             $parser->Error("'${self->{idf}}' is not a '${type->{idf}}'.\n");
+         }
     }
     return undef;
 }
```

On the right side, a file browser shows the repository structure, including 'node.pm' and 'repos_id.pm'. At the bottom right, there is a small graphic with three red dashes and the text '+++ 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/>
 - ...