Subject: How to move packages from bazaar to github repo and UppHub
Posted by mirek on Thu, 04 Feb 2021 14:21:58 GMT
View Forum Message <> Reply to Message

..correctly, with the history.

This is based on https://docs.github.com/en/github/using-git/splitting-a-subf
older-out-into-a-new-repository

I will demonstrate this on moving bazaar/plugin/gdal.

First, clone U++ into some temporary working folder:

```
git clone https://github.com/ultimatepp/ultimatepp.git
cd ultimatepp
```

Remove all unwanted history and files:

```
git filter-branch --prune-empty --subdirectory-filter bazaar/plugin/gdal master
```

This will put content of bazaar/plugin/gdal to ., so we need to move it where it belongs:

```
mkdir plugin
mkdir plugin/gdal
git mv -k * plugin/gdal
git commit -m "Reorganized for UppHub"
```

Now it is time to create a new repo in github, in this case I have created https://github.com/mirek-fidler/gdal. The git remote path is https://github.com/mirek-fidler/gdal.git

```
git remote set-url origin https://github.com/mirek-fidler/gdal.git
```

And push it to the new repo:

```
git push -u -f origin master
```

The last step is to announce a new shiny UppHub module here, UppHub maintainers will pick up from that...

Subject: Re: How to move packages from bazaar to github repo and UppHub
Posted by Xemuth on Wed, 10 Feb 2021 16:51:11 GMT
View Forum Message <> Reply to Message

Quote:The last step is to announce a new shiny UppHub module here, UppHub maintainers will pick up from that...
You mean RIGHT here ? in this post ?

Subject: Re: How to move packages from bazaar to github repo and UppHub
Posted by Klugier on Wed, 10 Feb 2021 17:41:51 GMT
View Forum Message <> Reply to Message

Hello Xemuth,

Please read following instructions on the GitHub. The easiest way in term of maitainability for us is to create PR for UppHub repository. Pasting data from forum to repository, doesn't seem for me like to optimal approach and I will lose time to do it manually.

Klugier

Subject: Re: How to move packages from bazaar to github repo and UppHub
Posted by mirek on Wed, 10 Feb 2021 20:03:23 GMT
View Forum Message <> Reply to Message

Xemuth wrote on Wed, 10 February 2021 17:51Quote:The last step is to announce a new shiny UppHub module here, UppHub maintainers will pick up from that...
You mean RIGHT here ? in this post ?

As far as I am concerned, it can be right in this post :)

Klugier: this is just a very start, we can be more formal when we know what is really needed....

Mirek

Subject: Re: How to move packages from bazaar to github repo and UppHub
Posted by mirek on Wed, 17 Feb 2021 11:07:38 GMT
View Forum Message <> Reply to Message

Just a little followup inspiration (and backup), here is the simple code I have used to move all Libraries4U modules:

```
#include <Core/Core.h>
```

```
using namespace Upp;

void Cd(const char *dir)
{
 RLOG("cd " << dir);
 chdir(dir);
 RLOG("current dir: " << GetCurrentDirectory());
}

void BaseDir()
{
 Cd(GetHomeDirFile("xxx"));
}

void Syx(const char *cmd)
{
 RLOG(cmd);
 system(cmd);
}

JsonArray json;

void Do(String nest, String package = "", String examples = "")
{
 package = Nvl(package, nest);
 BaseDir();
 Syx("rm -rf " + nest);
 Syx("cp -r ultimatepp " + nest);
 Cd(nest);
 Syx("git filter-branch --prune-empty --subdirectory-filter bazaar/" + package + " master");
 Syx("mkdir -p " + package);
 Syx("git mv -k * " + package);
 Vector<String> x = Split(examples, ';');
 if(x.GetCount()) {
  Syx("mkdir examples");
  for(String p : x)
   Syx("cp -r ../ultimatepp/bazaar/" + p + " examples");
  Syx("git add examples");
 }
 Syx("git commit -m \"Reorganized for UppHub\"");

 String repo = "https://github.com/Libraries4U/" + nest + ".git";

 Syx("git branch -M main");
 Syx("git remote set-url origin " + repo);
 Syx("git push -u -f https://" + LoadFile(GetHomeDirFile("gitk")) + "@github.com/Libraries4U/" +
nest + ".git");
```

```
 json << Json("name", nest)
            ("packages", JsonArray() << package)
            ("description", "")
            ("repository", repo)
            ("status", "stable")
            ("category", "")
            ("readme", "https://raw.githubusercontent.com/Libraries4U/" + nest +
"/main/README.md")
 ;
}

CONSOLE_APP_MAIN
{
 StdLogSetup(LOG_COUT|LOG_FILE);

 BaseDir();
 chdir("ultimatepp");
 Syx("git pull");
 Do("Functions4U", "", "Functions4U_Demo");
 Do("SysInfo", "", "SysInfo_demo_console;SysInfo_demo_gui");
 Do("Controls4U", "", "Controls4U_Demo");
 Do("STEM4U", "", "STEM4U_DemoTest");
 Do("matio", "plugin/matio");
 Do("sundials", "plugin/sundials");
 Do("GLCanvas", "", "GLCanvas_demo");
 Do("Surface");
 Do("OfficeAutomation", "", "OfficeAutomation_demo_console");
 Do("assimp", "plugin/assimp");

 RLOG("List:");
 RLOG(AsJSON(ParseJSON(~json), true));
}
```