

---

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));
}

```