**This is tutorial for creating Nuget packages and Xamarin Components for nuu:Bit :**

Firstly, get folder “AllForPackages” from GitHub repo.

**For Nuget package:**

1. Download “Nuget Package Explorer” from <https://npe.codeplex.com/> and install this app.
2. Double click on .nuspec file (For ex. nuubit.SDK2.0.2)
3. You will see all the information about this package, also you can edit some info (version, description etc.) and package files (in right hand menu “lib” folder)
4. Save all changes
5. Also you can publish your Nuget package via this app: File=>Publish.
6. At first time you’ll need to paste your API key for nuget.org (for nuubit.SDK - “ff225a7e-b6e4-428b-850d-eef96ba64144”) and also check “Append ‘api/v2/packages’ to publish url” in checkbox.
7. Click “Publish” and wait.

**For Xamarin Component:**

1. Make changes in files from “component” folder:
   1. For edit such fields as ‘summary’, ‘version’ etc. you should edit “component.md” file (be attentive when editing this file, It’s has very specific formatting rules, and is sensitive for spaces)
   2. License => License.md
   3. GettingStarted=> GettingStarted.md
   4. Details=> Details.md
   5. Icons=> “icons” folder
2. Be sure you have saved all changes and all files that are referenced in component.md are correct file names.
3. Call windows command line tool (just type ‘cmd’ in bottom search bar)
4. You will need to change the path to the location where your xamarin-component.exe file exist (For ex. D/Work/rev-sdk-Xamarin/AllForPackages)
5. Type xamarin-component.exe package component
6. If everything is OK, you will find your .xam file (Xamarin Component) in “component” folder
7. Sign in into Xamarin Component Store and upload new version of Component