

**Name :** Nahar P.

**Email:** [mail2nahar@gmail.com](mailto:mail2nahar@gmail.com) (Gmail &Gtalk)

**Background:**

=====

I am doing my graduation (BSc. Computer Science distance edu.) & working as a sysadmin. I have been an FSF supporter & working on Linux ( especially debian & slackware) for almost 3yrs and know the internals of Linux & GNU tools well. In the coding side my major is C++,C, PHP & BASIC clones :(.  
Although most of my coding is on Win32, I stick to GCC(MINGW) & GNU tool chain for my work.This Project has been running in my mind for some time as I find it hard to download debian packages from cafes & other places since most of them run Windows and the dependency resolution becomes a headache.

**Project Title :**

=====

APT-GET+APTOnCD 4 Windows

**Synopsis:**

=====

Win32 app to download deb packages & create an aptcdrom

**Benefits To Debian :**

=====

People without an inet connected linux box can download & install .deb packages easily. That means better Application installation & better Debian userbase.

**Deliverables:**

=====

A lite apt lib for win32, Create a Win32 synaptic look alike(port ?).

**Project Details:**

=====

Enable Win32 users to download & make a APTCD or AptZip. User can either choose an apt package list of a standard distro or import a custom one. Based on this list application would resolve dependencies & download requested packages. Then it can either generate a repo iso or an apt zip structure. Also thinking of generating a custom installation ISO including debian base ( low priority). Currently am planing to use C++ as the platform but python is also in consideration.The UI is targeted to be built using wxWidgets. Options to build a web based interface in future is also in consideration

**Project Schedule:**

=====

Almost 2-3 months for development if nothing surprises in between.Work will begin by end of April.

**Other Summer Plans:**

=====

Nothing much. Currently am on a project that'll end by April 28<sup>th</sup>..

**Exams and Other Commitments:**

=====

Well my 2<sup>nd</sup> year exams are on the way in July but I guess it really doesn't interfere with SOC.

**If you are not a Debian Developer:**

=====

My plans to stick to debian projects. I am interested in improving debsplash & also adding features to debian installer so that it would migrate a winxp/vista users profile & documents.