Proposal to re-organize windows project files inside HDF5

On Sep. 30th last year, we gave a HDF innards seminar regarding to windows support. In that meeting, we received the suggestion about re-organizing windows project files of HDF5. We re-evaluated the suggestion and formed this proposal.

Background

We used the windows zip file to organize our windows project files for all HDF products. Basically all windows-related project files and other files are grouped into one windows zip file, called all.zip.

Pro:
1. Clear
It is straightforward for non-windows developers and users since when they go under windows directory; all they find is one all.zip file.

2. Secure
They cannot change project files unless they extract them with windows winzip.

Con:

1. check-in confliction
   If two people work on windows updating at the same time, they have to coordinate with each other. In the past few years' windows support, although we were very careful about this issue, there were still a few conflictions. That basically cost developer's time.

2. Accumulations of CVS storage
   Every change of all.zip will be treated as a fresh new copy by CVS although only one project is updated.

3. Winzip has to be used.

Concerns about new move:

More than 100 projects spreading in different directory.