

APPENDIX V
TECHNICAL GUIDE FOR FURTHER DEVELOPMENT

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This part describes about technical knowledge for further development including resources management and software distribution.

V.1 Resources Management

Developer should consider about the location of files before implementation process. This plan take advantage to the last step of development, distribution process. Generally, one folder was created to store the source code and all external files as shown in Figure V.1

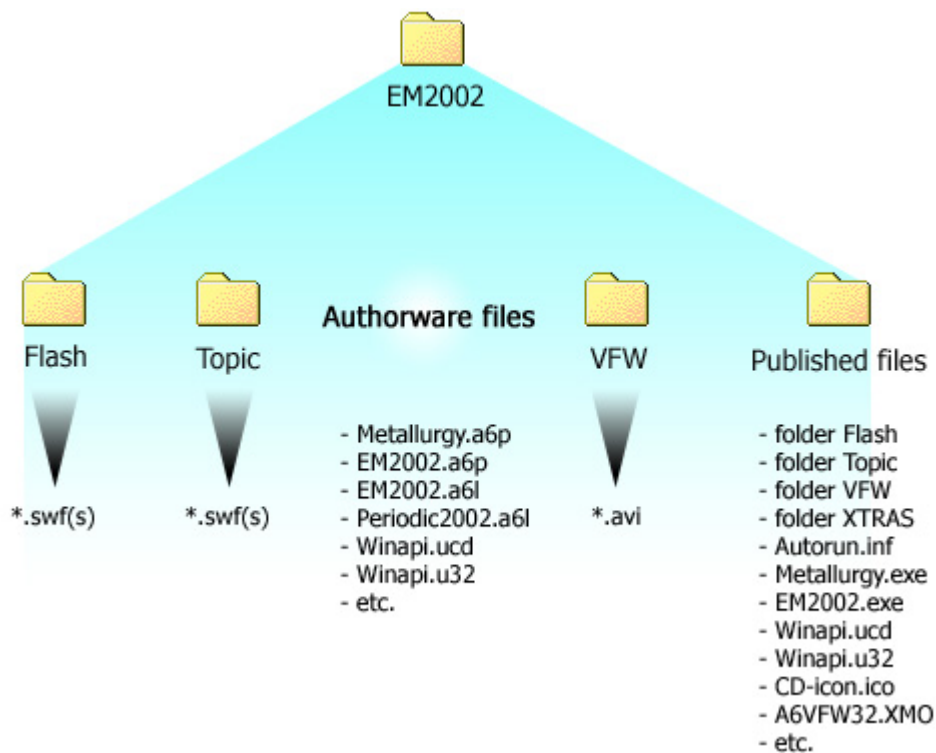


Figure V.1 The structure of root folder.

The source code will be compiled to generate the executed files and the external files and both will be distributed together as shown in Figure V.2

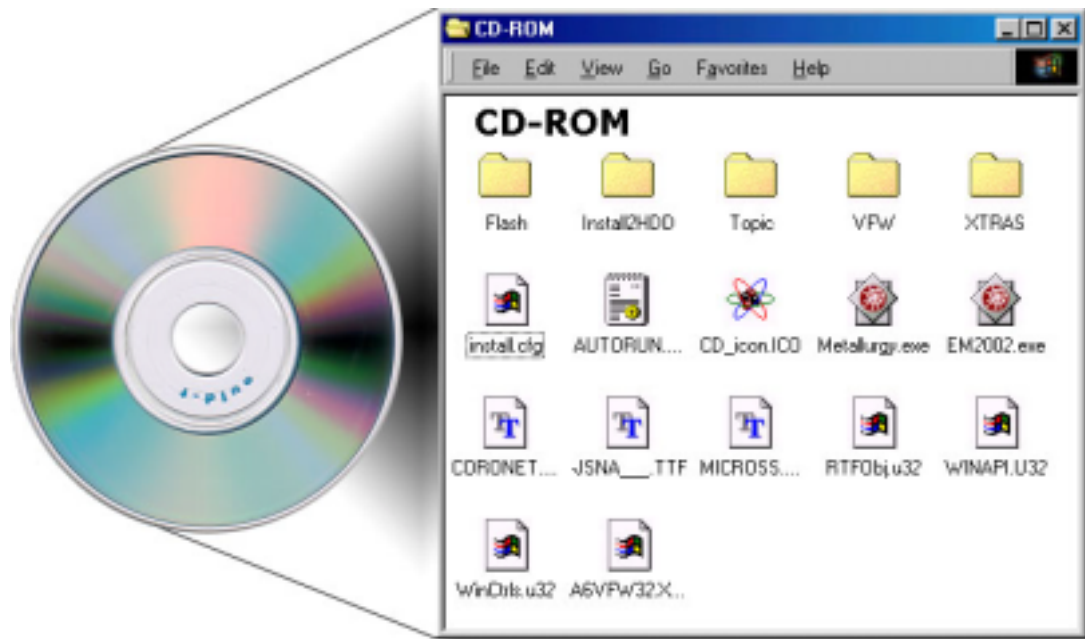


Figure V.2 The relevant files in CD-ROM.

V.2 Software distribution

The EM-CAI is distributed in two formats as described in section 6.1 This section guides developer how to create the installation file in “*.exe” format. PC-install builder 32 bits is utility software used to complete this task and its interface has been shown in Figure V.3 The left-side window shows the name of software’s functions that can be defined the properties from the bottom right-side windows. The top right-side window is the files that have been packed to one executed file named “install.exe”. This executed files are included in folder “Install2HDD” on CD-ROM as shown in Figure V.4

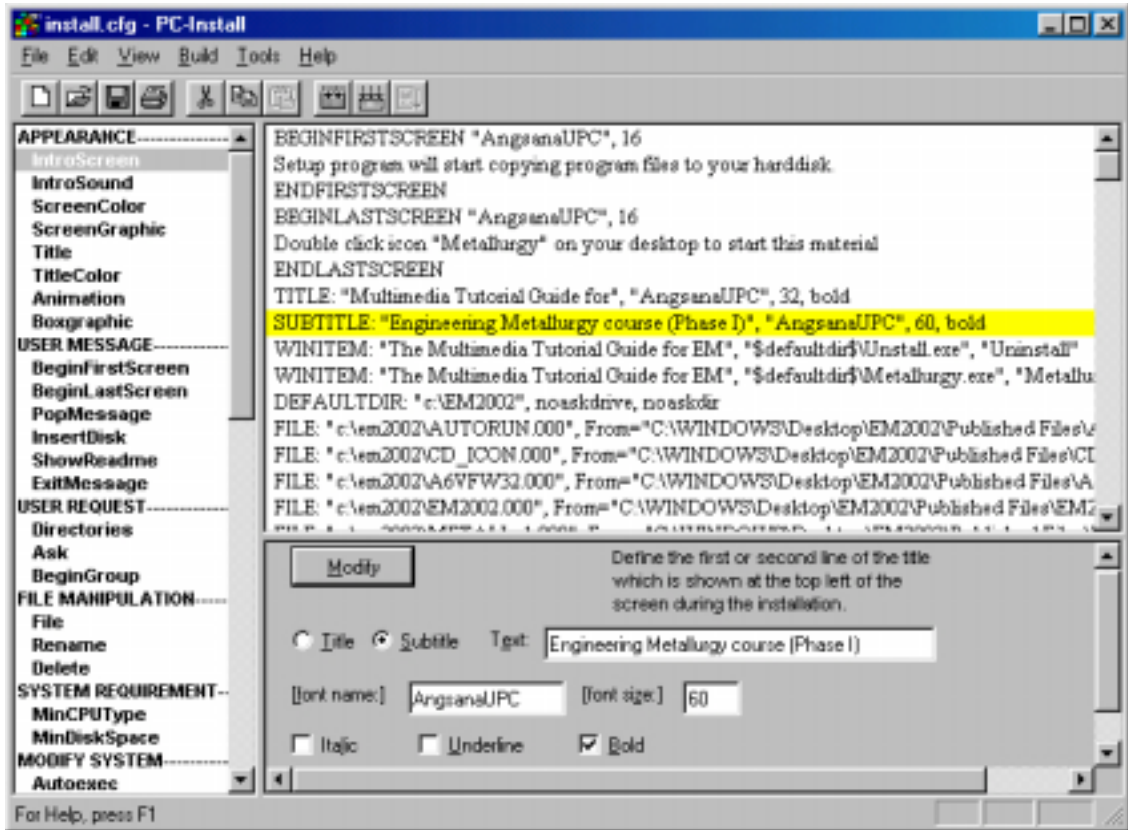


Figure V.3 The interface of PC-install builder 32 bits.

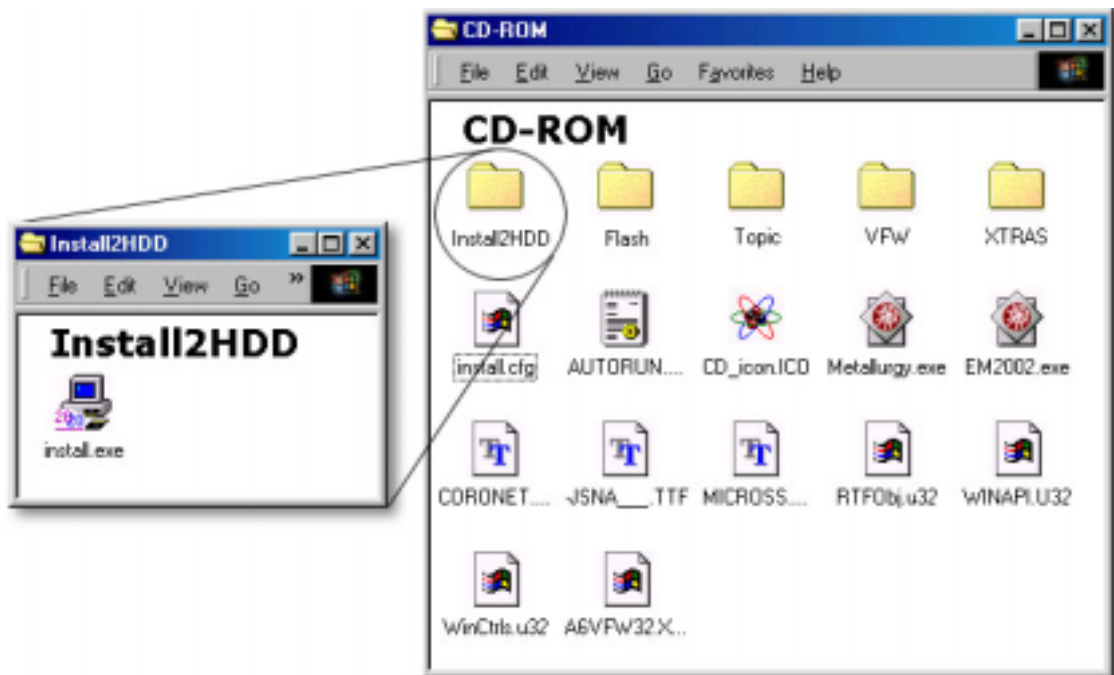


Figure V.4 Folder “Install2HDD” contains installation file named “install.exe”.

Installation file not only copies the EM-CAI to local harddisk but also prepares the fonts resource and created the shortcut icon on the computer's desktop. Besides PC-install builder 32 bits, other utility softwares such as "Install shield32" can be used as well.

BIOGRAPHY

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