

Packer Unpacker -

This project is used to perform packing and unpacking activity. By using this project we can fetch data from all files and merge it into one file. We can also extract all packed files whenever required.

Platform required - Windows NT platform OR Linux

Architectural requirement - Intel 32 bit processor

User Interface - Graphical User Interface

Technology used - Java Programming

Features provided by File Packer-Unpacker -

This project is divided into two parts as Packing and Unpacking. Main purpose of this project is to merge large amounts of files into one file by avoiding memory wastage. We can extend this project by providing data security with the concept of Encryption.

Packing Activity :

- In the case of Packing activity we accept directory name and file name from the user.
- We have to create a new regular file as the name specified by the user.
- Now open the directory and traverse each file from that directory. In the newly created file write Metadata as header and actual file data in sequence.
- Each name of file and its size should be written in log file which gets created in the system directory.
- After packing, display the packing report.

UnPacking Activity :

- In case of UnPacking activity we accept packed file names from user.
- Open the packed file in read mode and perform below activity as
- Read header • From the name specified in the header create new file.
- Write data into a newly created file from packed file.
- Repeat all above steps till we reach the end of the unpacked file.
- After unpacking display unpacking report