Algorithm for file updates in Python

Project description

This algorithm provides upgrade automation of files containing allowed IP addresses. The function needs to execute inside the same folder that needs to be upgraded. Provide the name of the file and a list of denied IPs and the upgrade in the file is automatically executed.update_file(import_file, remove_list) function is designed to efficiently manage IP allow lists. Users provide a file name (the application needs to be executed within that file's folder) and a list of denied or blocked IPs for removal. The algorithm reads the file, converts its content into a list, and then iterates through the provided remove_list to identify and remove unauthorized IP addresses. Finally, through robust file management using with and open(), the updated list safely overwrites the original file's contents, ensuring the list is current and secure."

Open the file that contains the allow list

Read the file contents

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Convert the string into a list

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```

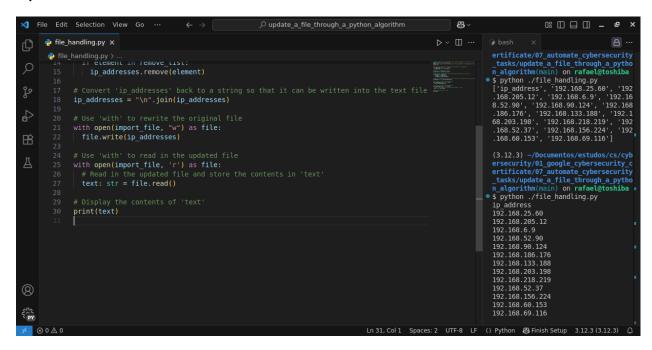
Iterate through the remove list

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### File Edit Selection View Go ... 

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```

Remove IP addresses that are on the remove list

Update the file with the revised list of IP addresses



Summary

update_file(import_file, remove_list)

Provide a file name (the application needs to be executed within that file's folder) and a list of denied or blocked IPs for removal. Through file management using "with" and "open()" all operations are safely executed, upgrading the file contents.