



MONTYPLUGIN



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What is MontyPlugin?

It's a validation application for users.

Users are validated using your username and password to log in, to perform simple operations, you will not need further validation, but if you want critical operations, you will need another factor authentication , it will be a card or key RFID and facial recognition user.

Technological aspects

The application that a user logs in with your username and password, using PAM (Pluggable Authentication Modules), to validate the user. Once the user has been authenticated to the system, the user will access a java application that can perform an operation that does not require authenticated to carry it out and one that will be a critical operation where the user will use a second factor of authentication based on a token that will be an RFID card or RFID keychain, allowing you to authenticate and after overcoming a facial recognition, the user can perform the critical operation.

To make such systems authentication token a one Arduino, which will serve to detect the RFID card or key is used. The biometric system will be used to enable access to critical parts of the system.

System applications MontyPlugin

This local authentication system can be used to control access to your computer, as PAM enables system logging for the Operating System, besides being a validation system for opening local applications.

In addition to second factor token authentication support combining with facial recognition, it allows you to restrict access to parts of the system are critical. Protecting the user of the system that can supplant the identity and perform operations if they enter the system or break your username and password.