Class name: wincmd

Header:

#include <string>

#include <QDebug>

#include <vector>

#include <QFile>

#include <QDir>

#include <QStorageInfo>

#include <QProcess>

Name space: std

Description: wincmd is an interface that used to access windows’ command, which can see settings or adjust setting of the computer.

Constructors:

**Wincmd**();

Parameters: None.

Return: None.

Task: Initialize the containers of input parameter and output result.

Destructor:

~ **Wincmd** ():

Parameters: None.

Return: None.

Task: Free the necessary space used in the class.

Key Public Variables:

|  |  |
| --- | --- |
| std::string command; | Content of calling command line |
| std::string result; | Output of the command line after calling |

Public Methods:

std::string **UseCmd**(const char\* cmd);

Parameters: content of command.

Return: result of output of command.

Task: provides an interface that used to access windows’ command.

void **getDiskStorage**(const char\* N);

Parameters: Disk Name.

Return: storage of target Disk.

Task: access windows’ command to get storage info.

vector<QString> **SeeSetting**();

Parameters: None.

Return: None.

Task: access windows’ command to get setting info of virtual storage.

void **AutoManagePage**();

Parameters: None.

Return: None.

Task: cancel auto manage page of virtual memory in windows.

void **ChangePageSize**(QString a,QString max,QString min);

Parameters: page name, page max value, page min value.

Return: None.

Task: change page size of virtual memory in windows.

vector<vector<QString>> **LocalDisk**();

Parameters: None.

Return: None.

Task: access windows’ command to get all disks’ storage info.