

## • Description

This is a program for collecting data on the c-v characteristics transistors in Excel.

These files are written in python, so don't forget to install python 3, and use pip command to install "pandas" and "openpyxl". If you want to use, open "CV-template.py" and make a file.

## • Necessity

Programming file

Python3

Library

Openpyxl, pandas

## • Operating procedure

1.open "CV-template.py"

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2.Enter the execute file name

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3.Enter the execute sheet name

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4.Enter the type of original file's delimiter[A **delimiter** is a sequence of one or more characters for specifying the boundary between separate. If your original data is csv enter "3". If your original data is vba enter "2".]

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5.Enter Column of Capacity's value

↓

6.Enter Column of Voltage's value

↓

7.Enter frequency or exit

↓ exit

↓ frequency

7.If you want to make new sheet press "y"

Drag and drop the original file

↓ y

Enter next sheet's name

↓

4.

↓ n

finish

↓ frequency

7.