

```
# ClassifierFinder
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```
import os, glob
from utilities import argvalueexists, getargvalue
```

```
class ClassifierFinder:
```

```
    @staticmethod
```

```
    def getSelectedClassifierModules():
        classifierDirectory = os.path.dirname(os.path.abspath(__file__)) + "/Classifiers"
        directoryEntries = glob.glob(classifierDirectory + "[A-Z]*.py")
        allClassifiers = list(map(ClassifierFinder.pathToClassifierName, directoryEntries))
        classifiers = ClassifierFinder.filterByCommandlineArgument(allClassifiers)
        return classifiers
```

```
    @staticmethod
```

```
    def filterByCommandlineArgument(allClassifiers):
        if argvalueexists('classifiers'):
            requestedClassifiers = getargvalue('classifiers', False).lower().split(',')
            classifiers = []
            for classifier in allClassifiers:
                if classifier.lower() in requestedClassifiers:
                    classifiers.append(classifier)
        else:
            classifiers = allClassifiers
        return classifiers
```

```
    @staticmethod
```

```
    def pathToClassifierName(classifier):
        parts = classifier.split(os.sep)
        return parts.pop()[:-3]
```

