
Question

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Stopping IRIS processes caching Python code

We're having a problem with the way Python modules are being cached in Iris. If we modify some code and then reimport a module it is still processing the old code.

E.g. Create a python file:

helloWorld.py

```
def helloWorld() :  
    return "Hello world"
```

The run the following in the Iris terminal:

```
SOURCENEW>set helloWorld = ##class(%SYS.Python).Import("helloWorld")
```

```
SOURCENEW>w helloWorld.helloWorld()  
Hello world
```

Modify helloWorld.py

```
def helloWorld() :  
    return "Hello world again"
```

In the same terminal process run the commands again, the same result is even though the code has been changed.

```
SOURCENEW>kill helloWorld
```

```
SOURCENEW>set helloWorld = ##class(%SYS.Python).Import("helloWorld")
```

```
SOURCENEW>w helloWorld.helloWorld()  
Hello world
```

Only when I start a new process is the new code used.

Is there a way we can we stop the code from being cached without killing all the processes that have loaded it?

[#Embedded Python](#) [#Python](#) [#InterSystems IRIS](#)

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