

Re: Importing ImageJ classes into Matlab

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- *From:* vonschwartzwalder <vonschwartzwalder@xxxxxxx>
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On May 29, 3:32 am, greg <jsg...@xxxxxxxxxxxxx> wrote:

On 27 May, 12:11, vonschwartzwalder <vonschwartzwal...@xxxxxxx> wrote:

On May 26, 12:26 pm, ezkcdude <zamir.e...@xxxxxxxxxxx> wrote:

Has anyone done this?

Yes.

How? Please tell.

If you are using a recent version of MatLab, just put the ImageJ jar file (ij.jar) in the Java path. MatLab uses Java for it's front end, so you just need to make sure it can find the classes you want to use. Once that is done you can instantiate classes at will. MatLab provides data type translation almost transparently.

I did this, and I also wrote my own classes that call ImageJ classes.

For example:

```
-----  
function result = doSomething(arg1, arg2)  
% function that returns a result that comes from doing something in  
Java  
  
% make sure you import the class you are going to use  
import com.company.library.*;  
  
% call the Java class  
result = MyClass.doSomething(arg1, arg2);
```

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The only tricky part of this whole thing is getting the path right,
but once you get it, the Java is very simple.

duane

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