

minimal_example

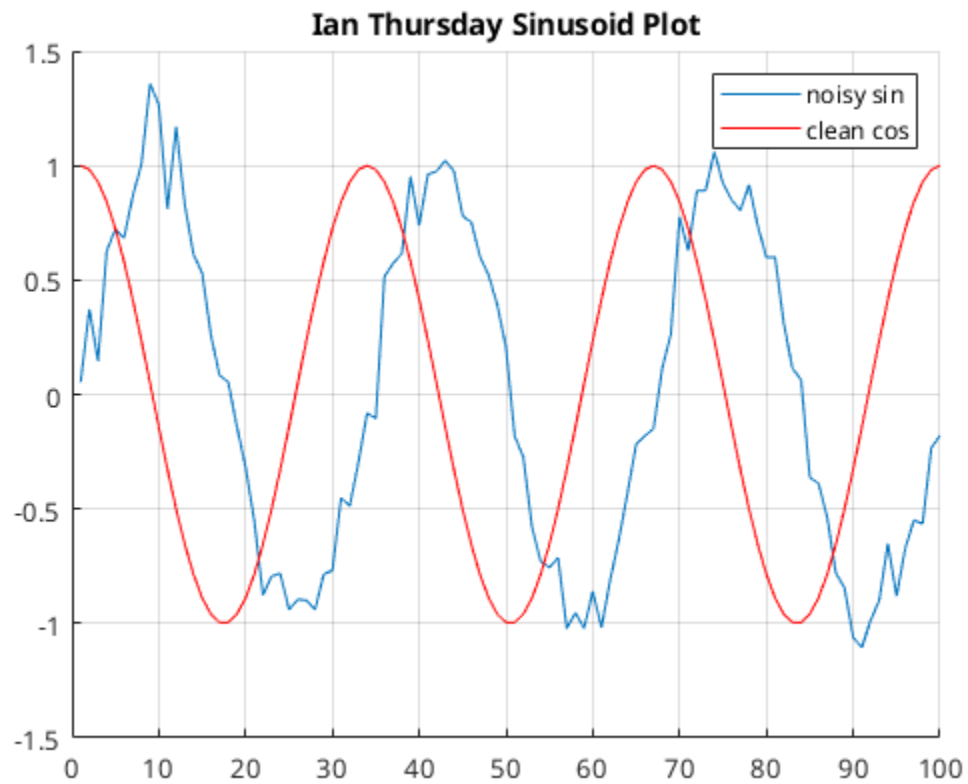
December 12, 2018

1 Jupyter Matlab Kernel

Interact with Matlab in Notebook the using the [python-matlab-bridge](#). All commands are interpreted by Matlab. Since this is a [MetaKernel](#), a standard set of magics are available. Help on commands is available using the `%help` magic or using `?` with a command.

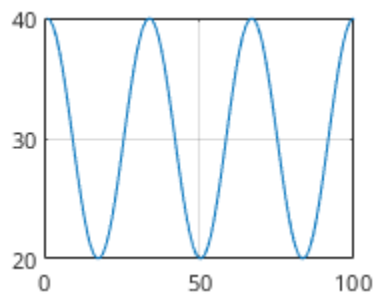
```
In [1]: grid on
        hold on

        t = linspace(0,6*pi,100);
        plot(sin(t) + 0.1*randn(1,100))
        plot(cos(t), 'r')
        title('Ian Thursday Sinusoid Plot')
        legend('noisy sin', 'clean cos')
```



```
In [2]: %plot -s 200,150
```

```
In [3]: b = 10*cos(t)+30; plot(b); grid on
```



```
In [4]: a = [1,2,3]
```

a =

1 2 3

```
In [5]: b = a + 3;
```

```
In [6]: disp(b)
```

4 5 6

```
In [7]: %lsmagic
```

Available line magics:

%activity %cd %connect_info %conversation %dot %download %edit %get %help %html %inc

Available cell magics:

%%activity %%brain %%conversation %%debug %%dot %%file %%help %%html %%javascript %%k

```
In [8]: %%python
```

```
    print('Hello, world!')
```

Hello, world!