

Untitled3

December 13, 2015

```
In [1]: r('foo<-3')
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Out[1]: [1] 3
```

```
In [2]: r("foo").sage()
```

```
Out[2]: 3
```

```
In [3]: %load_ext rpy2.ipython
```

```
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ImportError                                Traceback (most recent call last)  
  
<ipython-input-3-691c6d73b073> in <module>()  
----> 1 get_ipython().magic(u'load_ext rpy2.ipython')  
/usr/local/sage-test/local/lib/python2.7/site-packages/IPython/core/interactiveshell.pyc in mag  
2334         magic_name, _, magic_arg_s = arg_s.partition(' ')  
2335         magic_name = magic_name.lstrip(prefilter.ESC_MAGIC)  
-> 2336         return self.run_line_magic(magic_name, magic_arg_s)  
2337  
2338         #-----  
  
/usr/local/sage-test/local/lib/python2.7/site-packages/IPython/core/interactiveshell.pyc in run  
2255         kwargs['local_ns'] = sys._getframe(stack_depth).f_locals  
2256         with self.builtin_trap:  
-> 2257             result = fn(*args,**kwargs)  
2258             return result  
2259  
  
/usr/local/sage-test/local/lib/python2.7/site-packages/IPython/core/magics/extension.pyc in loa  
  
/usr/local/sage-test/local/lib/python2.7/site-packages/IPython/core/magic.pyc in <lambda>(f, *a  
191     # but it's overkill for just that one bit of state.  
192     def magic_deco(arg):  
-> 193         call = lambda f, *a, **k: f(*a, **k)  
194  
195         if callable(arg):
```

```
/usr/local/sage-test/local/lib/python2.7/site-packages/IPython/core/magics/extension.pyc in load_ext
64         if not module_str:
65             raise UsageError('Missing module name.')
---> 66         res = self.shell.extension_manager.load_extension(module_str)
67
68         if res == 'already loaded':
```

```
/usr/local/sage-test/local/lib/python2.7/site-packages/IPython/core/extensions.pyc in load_extension
87         if module_str not in sys.modules:
88             with prepended_to_syspath(self.ipython_extension_dir):
---> 89                 __import__(module_str)
90         mod = sys.modules[module_str]
91         if self._call_load_ipython_extension(mod):
```

ImportError: No module named ipython

In [4]: %load_ext rmagic

```
/usr/local/sage-test/local/lib/python2.7/site-packages/IPython/extensions/rmagic.py:11: UserWarning: The
warnings.warn("The rmagic extension in IPython has moved to "
```

In [5]: %R foo

ERROR: Line magic function '%R' not found.

In []: