



Create Excel AddIns in Python

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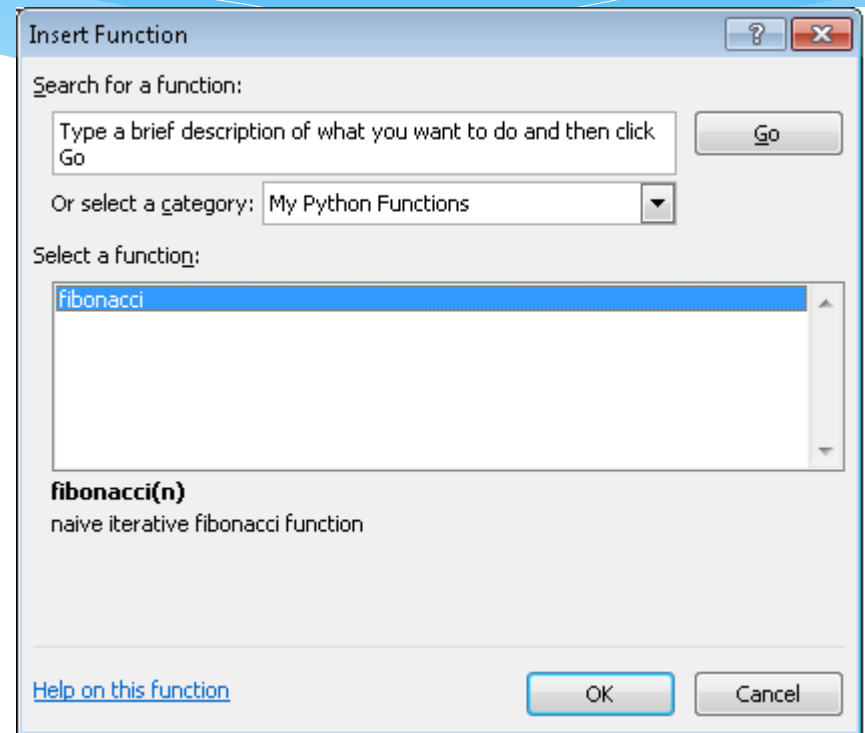
Why PyXLL?

- * Write Excel AddIns in python
- * No Excel specific glue code to write
- * Expose existing python functions to Excel
- * Uses any standard CPython interpreter
- * Multi-threading support in Excel 2007/2010
- * Test and reload without restarting Excel

Worksheet Functions

```
from pyxll import xl_func

@xl_func("int n: int", category="My Python Functions")
def fibonacci(n):
    """naive iterative fibonacci function"""
    a, b = 0, 1
    for i in xrange(n):
        a, b = b, a + b
    return a
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Function Arguments

fibonacci

N 10 = 10

= 55

naive iterative fibonacci function

N

Formula result = 55

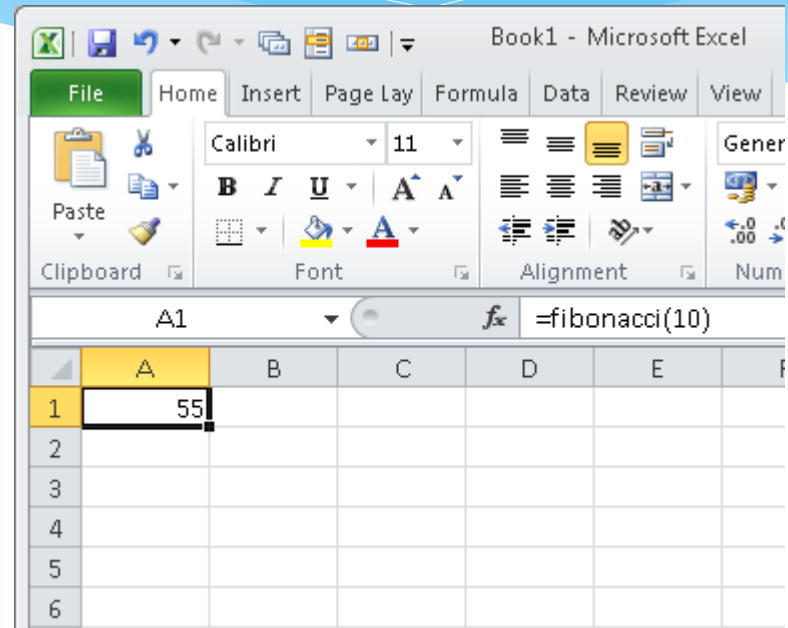
[Help on this function](#)

OK Cancel

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Supported Types

- * Basic types (int, float, string, bool)
- * DateTime types (datetime, date, time)
- * Array types (float[], int[], etc...)
- * NumPy Arrays
- * Variant type
- * Custom types

Custom Menus

- * Add new menus to Excel using a simple python decorator
- * Menu functions can call back into Excel using win32com



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