Knitr with Other Engines

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S1 Compile c++ code chunk with Rcpp

We can put the Rcpp code in a markdown chunk, when we knitr the file. It will evaluate the Rcpp code, and can use this defined function. But we cannot run this piece of c++ code directly in the R console.

```cpp
#include <Rcpp.h>
using namespace Rcpp;
// [[Rcpp::export]]
NumericVector timesTwo(NumericVector x) {
  return x * 2;
}
```

```r
timesTwo(10)
```

```
[1] 20
```

S2 Compile python code chunk

```python
x = 'hello, python world!'
print(x.split(' '))
```

```
['hello,', 'python', 'world!']
```