

```
1: // $Id: macros.cpp,v 1.6 2014-08-14 17:06:32-07 - - $
2:
3: #include <cassert>
4: #include <iomanip>
5: #include <iostream>
6: using namespace std;
7:
8: #define PRINT(ITEM) cout << #ITEM << " = \"" << ITEM << "\"" << endl;
9:
10: int main (int argc, char **argv) {
11:     (void) argc; // : unused parameter 'argc' [-Wunused-parameter]
12:     PRINT (argv[0]);
13:     PRINT (__FILE__);
14:     PRINT (__LINE__);
15:     PRINT (__func__);
16:     PRINT (__DATE__);
17:     PRINT (__TIME__);
18:     PRINT (__STDC__);
19:     #ifdef __STDC_VERSION__
20:     PRINT (__STDC_VERSION__);
21:     #endif
22:     #ifdef __cplusplus
23:     PRINT (__cplusplus);
24:     #endif
25:     return 0;
26: }
27:
28: //TEST// ./macros >macros.lis 2>&1
29: //TEST// mkpspdf macros.ps macros.cpp* macros.lis
30:
```

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```
1: argv[0] = "./macros"
2: __FILE__ = "macros.cpp"
3: __LINE__ = "14"
4: __func__ = "main"
5: __DATE__ = "Aug 14 2014"
6: __TIME__ = "17:06:32"
7: __STDC__ = "1"
8: __cplusplus = "201103"
```