
Subject: Re: New packages announcement
Posted by [koldo](#) on Sun, 14 Jun 2009 13:55:28 GMT
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Hello ptDev

These are the main methods in Tcc class:

```
void Compile(const char *my_program);  
void AddSymbol(const char *funName, void *fun);  
void *GetSymbol(const char *funName);  
void Relocate();
```

And this is the detail of a demo:

```
tcc.Compile(my_program);  
tcc.AddSymbol("myFunction", (void *)&myFunction);  
tcc.Relocate();  
double (*myMain)(char *str) = (double (*)(char *str))tcc.GetSymbol("myMain");  
printf("\nThe result for Test is %.1f", myMain("Hello"));
```

where:

- my_program is a text with the source code
- myFunction is a function in the main program that can be called from the tcc program
- myMain is a function in the tcc program that can be called from the main program

It is like a dynamic linking to a program that can be done on the fly, and also this program can call to caller program functions.

Tcc also lets to do standalone programs but I have done the class to only compile and run a program in memory.

Best regards
Koldo
