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Subject: Added SysExec package

Posted by [mdelfede](#) on Sun, 25 May 2008 07:49:50 GMT

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A small package with some SysExec() functions to launch external commands and gather their output and error data.

Not the state of the art, but handy sometimes

The provided functions are :

```
bool SysExec(String const &command, String const &args, const VectorMap<String, String>
&Environ, String &OutStr, String &ErrStr);
bool SysExec(String const &command, String const &args, String &OutStr, String &ErrStr);
bool SysExec(String const &command, String const &args, const VectorMap<String, String>
&Environ, String &OutStr);
bool SysExec(String const &command, String const &args, String &OutStr);
bool SysExec(String const &command, String const &args);
```

Parameters are :

command : command executable name  
args : a line of arguments, space separated  
Environ : a VectorMap containing environment data to pass  
OutStr : a reference to a string that will contain command output  
ErrStr : a reference to a string that will contain command error output

Commands will return true on success, false otherwise.

Caveats :

- 1- it will block application if launched command hangs
- 2- no timeout provided... but could be easily added
- 3- no mean to have some 'progress' indication of running app, but could be easily added

Path will be searched for command, so a complete path is not necessary.  
It "should" work on windows too, but I didn't test it yet.

Ciao

Max

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