Subject: Re: UPP_MAIN__ is not exported to env in linux
Posted by zsolt on Mon, 06 Nov 2006 23:16:07 GMT
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I fixed this for normal run and the debug session.

In Ide/Host.cpp, the end of void LocalHost::Launch(const char *_cmdline, bool console) method is:

```
 pid_t pid = fork();

 if(pid == 0)
 {
  int from = 0;
  Vector<const char *> env;
  const char *envptr = environment;
  while(envptr[from])
  {
   env.Add(&envptr[from]);
   from += strlen(&envptr[from]) + 1;
  }
  env.Add(NULL);
  const char **envp = env.Begin();
  execve(args[0], args, (char *const *)envp);
 }
 sPid().Add(pid);

#endif
```

An other pace, where I had to change for debug run is Web/sproc.cpp in void LocalSlaveProcess::Open(const char *command, const char *envptr) method:

```
#if DO_SVRLOG
 SVRLOG(args.GetCount() << "arguments:");
 for(int a = 0; a < args.GetCount(); a++)
  SVRLOG("[" << a << "]: <" << (args[a] ? args[a] : "NULL") << ">");
#endif//DO_SVRLOG

 SVRLOG("running execve, app = " << app << ", #args = " << args.GetCount());

 int from = 0;
 Vector<const char *> env;
 while(envptr[from])
 {
  env.Add(&envptr[from]);
  from += strlen(&envptr[from]) + 1;
 }
 env.Add(NULL);
 const char **envp = env.Begin();
```

```
 execve(app_full, args.Begin(), (char *const *)envp);
 SVRLOG("execve failed, errno = " << errno);
 printf("Error running '%s', error code %d\n", command, errno);
 exit(-errno);
#endif
```

I'm not very good in pointer aritmethic, so tests are needed. Currently, this fix is working fine on my Ubuntu Linux 606 system.
