

Shell

```
package main

import (
    "fmt"

    "github.com/gogf/gf/v2/os/gctx"
    "github.com/gogf/gf/v2/os/gproc"
)

func main() {
    r, err := gproc.ShellExec(gctx.New(), `sleep 3; echo "hello gf!";`)
    fmt.Println("result:", r)
    fmt.Println(err)
}
```

3

```
result: hello gf!

<nil>
```

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gproc.Managergproc.IsChild()

```
package main

import (
    "os"
    "time"

    "github.com/gogf/gf/v2/frame/g"
    "github.com/gogf/gf/v2/os/gctx"
    "github.com/gogf/gf/v2/os/gproc"
)

func main() {
    var ctx = gctx.New()
    if gproc.IsChild() {
        g.Log().Printf(ctx, "%d: Hi, I am child, waiting 3 seconds to die", gproc.Pid())
        time.Sleep(time.Second)
        g.Log().Printf(ctx, "%d: 1", gproc.Pid())
        time.Sleep(time.Second)
        g.Log().Printf(ctx, "%d: 2", gproc.Pid())
        time.Sleep(time.Second)
        g.Log().Printf(ctx, "%d: 3", gproc.Pid())
    } else {
        m := gproc.NewManager()
        p := m.NewProcess(os.Args[0], os.Args, os.Environ())
        p.Start(ctx)
        p.Wait()
        g.Log().Printf(ctx, "%d: child died", gproc.Pid())
    }
}
```

```
2018-05-18 14:35:41.360 28285: Hi, I am child, waiting 3 seconds to die
2018-05-18 14:35:42.361 28285: 1
2018-05-18 14:35:43.361 28285: 2
2018-05-18 14:35:44.361 28285: 3
2018-05-18 14:35:44.362 28278: child died
```

gprocgproc

1. gedit(Linux)geditID28536

```
$ ps aux | grep gedit
john 28536 3.6 0.6 946208 56412 ? S1 14:39 0:00 gedit /home/john
/Documents/text
```

2.

```
package main

import (
    "fmt"

    "github.com/gogf/gf/v2/os/gproc"
)

func main() {
    pid := 28536
    m := gproc.NewManager()
    m.AddProcess(pid)
    m.KillAll()
    m.WaitAll()
    fmt.Printf("%d was killed\n", pid)
}
```

gedit

```
28536 was killed
```