# TaskController

\* Controls initialization, finalization and clean up of tasks, and

\* also the launching and killing of task JVMs.

\* This class defines the API for initializing, finalizing and cleaning

\* up of tasks, as also the launching and killing task JVMs.

\* Subclasses of this class will implement the logic required for

\* performing the actual actions.

方法：

1. **protected** **static** String writeCommand(String cmdLine, FileSystem fs, Path commandFile)

把启动JVM的命令行写到一个文件中

## DefaultTaskController

继承自TaskController，使用TT的权限执行JVm

方法：

1. **public** **int** launchTask(String user, String jobId, String attemptId, List<String> setup, List<String> jvmArguments, File currentWorkDirectory, String stdout, String stderr)
   1. 执行一些目录的初始化工作
   2. 把命令行写到文件，执行"bash", "-c", commandFile

## LinuxTaskController

继承自TaskController，使用user的权限执行JVM

直接使用java命令和user的用户权限执行命令，和default一样是使用ShellCommandExecutor执行