# DFSAdmin

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\* This class provides some DFS administrative access.

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继承自FsShell

方法：

1. **public** **void** report()
   1. 调用DiskStatus ds = dfs.getDiskStatus();获取状态，注意这一步要求超级用户权限（如果配置中没有明确指出不用权限检查）
   2. 获取safemode状态: **boolean** mode = dfs.setSafeMode(FSConstants.SafeModeAction.*SAFEMODE\_GET*);
   3. 获取UpgradeStatusReport status = dfs.distributedUpgradeProgress(UpgradeAction.*GET\_STATUS*);
   4. 打印状态
2. **public** **void** setSafeMode(String[] argv, **int** idx)

Safe mode maintenance command. Usage: java DFSAdmin -safemode [enter | leave | get]

* 1. 调用**boolean** inSafeMode = dfs.setSafeMode(action);
  2. 如果waitExitSafe为true（传入的参数为wait），则循环等待**while** (inSafeMode)，每次睡眠5秒，等待退出safemode

1. **public** **int** upgradeProgress(String[] argv, **int** idx)

Command to request current distributed upgrade status, a detailed status, or to force the upgrade to proceed. Usage: java DFSAdmin -upgradeProgress [status | details | force]

* 1. 调用UpgradeStatusReport status = dfs.distributedUpgradeProgress(action);

## DFSAdminCommand

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\* An abstract class for the execution of a file system command

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### ClearQuotaCommand

/\*\* A class that supports command clearQuota \*/

### SetQuotaCommand

/\*\* A class that supports command setQuota \*/

### ClearSpaceQuotaCommand

/\*\* A class that supports command clearSpaceQuota \*/

### SetSpaceQuotaCommand

/\*\* A class that supports command setSpaceQuota \*/