

# Centos4?? Bash ?????

Centos4 的 bash 版本过低，yum update 无法更新 bash。  
因此需要手动安装 bash RPM 包。具体步骤如下：

## 1. 创建 RPM 包所需的目录

```
$> mkdir -p /root/rpmbuild/{BUILD,RPMS,SOURCES,SPECS,SRPMS}
$> echo "%_topdir /root/rpmbuild/" > /root/.rpmmacros
$> rpm -Uvh http://vault.centos.org/4.9/updates/SRPMS/bash-3.0-27.el4.src.rpm
$> cd rpmbuild/
$> cd SOURCES/
$> wget http://ftp.gnu.org/gnu/bash/bash-3.0-patches/bash30-017
$> wget http://ftp.gnu.org/gnu/bash/bash-3.0-patches/bash30-018
$> wget http://ftp.gnu.org/gnu/bash/bash-3.0-patches/bash30-019
```

## 2. 编辑 SPEC 文件

```
$> cd ..
$> vi SPECS/bash.spec

Release: 27.2.019%{?dist}
2800 00 00 00

Patch17: bash30-017
Patch18: bash30-018
Patch19: bash30-019
```

## 3. 编译并安装 (%patch16 -p0 -b .016 编译并安装，%patch17 安装 .)。

```
%patch16 -p0 -b .016
%patch17 -p0 -b .017
```

```
%patch18 -p0 -b .018
```

```
%patch19 -p0 -b .019
```

#### 4. RPM `rpmbuild` `rpm` RPM `rpm` `rpm`

```
$> rpmbuild -ba SPECS/bash.spec
```

```
$> rpm -Uvh RPMS/arch/*.rpm
```

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