



# Solaris Volume Manager : Code Layout



# SVM Layout : User Commands

```
28 -> ls -l usr/src/cmd/lvm
```

```
drwxrwxrwx  3      512 Jul  1 07:03 etc/  
drwxrwxrwx  5      512 Jun 24 2005 md_monitord/  
drwxrwxrwx  9      512 Jun 29 07:05 metassist/  
drwxrwxrwx  5      512 Aug 23 07:04 rpc.mdcommd/  
drwxrwxrwx  5      512 Oct  6 07:03 rpc.metad/  
drwxrwxrwx  5      512 Jul  2 07:03 rpc.metamedd/  
drwxrwxrwx  5      512 Jul  2 07:03 rpc.metamhd/  
drwxrwxrwx  5     1024 Oct 22 07:03 util/
```

# SVM Layout : User Commands

105 -> ls usr/src/cmd/lvm/util

metadevadm.c	metaonline.c	metaset.c	
medstat.c	metahs.c	metaparam.c	metastat.c
metaclear.c	metainport.c	metarecover.c	metasync.c
metaclust.c	metainit.c	metarename.c	metattach.c
metadb.c	metainit.xml	metareplace.c	
growfs.sh	metadetach.c	metaoffline.c	metaroot.c

# SVM Layout : Libraries

```
29 -> ls -l usr/src/lib/lvm
```

```
drwxrwxrwx 7      512 Oct 22 07:03 libmeta/  
drwxrwxrwx 7      512 Jun 12 2005 libpreen/  
drwxrwxrwx 7      512 Jun 12 2005 libsvm/
```

# SVM Layout : Kernel Modules

```
30 -> ls -l usr/src/uts/common/io/lvm
```

```
drwxrwxrwx 3      512 Jun 12  2005 hotspares/  
drwxrwxrwx 3      512 Dec  2 07:03 md/  
drwxrwxrwx 3      512 Jul  2 07:03 mirror/  
drwxrwxrwx 3      512 Jun 12  2005 notify/  
drwxrwxrwx 3      512 Jun 12  2005 raid/  
drwxrwxrwx 3      512 Jun 24  2005 softpart/  
drwxrwxrwx 3      512 Jun 22  2005 stripe/  
drwxrwxrwx 3      512 Jun 12  2005 trans/
```

# SVM Layout : Headers

usr/src/head/meta\*

meta.h            metacl.x            metadyn.h  
meta\_runtime.h    metad.x            metamhd.x            mdmn\_changelog.h

usr/src/uts/common/sys/lvm

md\_convert.h            md\_notify.h            mdiox.x  
md\_crc.h                md\_raid.h                mdmn\_commd.x  
md\_hotspares.h            md\_rename.h            mdvar.h  
md\_mddb.h                md\_sp.h                meta\_arr.x  
md\_mirror.h                md\_stripe.h            meta\_basic.x  
md\_mirror\_shared.h        md\_trans.h            metamed.x  
md\_names.h                mdio.h                mhdx.x

# SVM Layout : RCM & Devfsadm

```
107 -> ls -l usr/src/cmd/rcm_daemon/common
```

```
-r--r--r-- 1      75064 Jun 12 2005 svm_rcm.c
```

```
110 -> ls -l usr/src/cmd/devfsadm
```

```
-r--r--r-- 1      4044 Jun 12 2005 md_link.c
```

# SVM Code Layout