使用yum时rpmdb open failed解决方案

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1、前提条件：安装软件包的时候，被我手动终止了  
[root@dhcp yum.repos.d]# yum clean all  
rpmdb: Thread/process 4541/140619363587840 failed: Thread died in Berkeley DB library  
error: db3 error(-30974) from dbenv->failchk: DB\_RUNRECOVERY: Fatal error, run database recovery  
error: cannot open Packages index using db3 -  (-30974)  
error: cannot open Packages database in /var/lib/rpm  
CRITICAL:yum.main:  
Error: rpmdb open failed  
[root@dhcp yum.repos.d]# yum makecache  
rpmdb: Thread/process 4541/140619363587840 failed: Thread died in Berkeley DB library  
error: db3 error(-30974) from dbenv->failchk: DB\_RUNRECOVERY: Fatal error, run database recovery  
error: cannot open Packages index using db3 -  (-30974)  
error: cannot open Packages database in /var/lib/rpm  
CRITICAL:yum.main:

2、根据提示可以知道rpm数据库被损坏，如是按照下面的方法进行重建  
[root@dhcp yum.repos.d]# cd /var/lib/rpm/  
[root@dhcp rpm]# ls  
Basenames     \_\_db.004     Name            Pubkeys         Triggername  
Conflictname  Dirnames     Obsoletename    Requirename  
\_\_db.001      Filedigests  Packages        Requireversion  
\_\_db.002      Group        Providename     Sha1header  
\_\_db.003      Installtid   Provideversion  Sigmd5  
[root@dhcp rpm]# rm \_\_db.\* -rf  
[root@dhcp rpm]# rpm --rebuilddb

[root@dhcp rpm]# yum clean all  
Loaded plugins: aliases, changelog, downloadonly, kabi, presto, product-id,  
              : refresh-packagekit, security, subscription-manager, tmprepo,  
              : verify, versionlock  
Updating certificate-based repositories.  
Unable to read consumer identity  
Loading support for Red Hat kernel ABI  
Cleaning repos: rhel-source  
Cleaning up Everything  
0 delta-package files removed, by presto  
[root@dhcp rpm]# yum update  
Loaded plugins: aliases, changelog, downloadonly, kabi, presto, product-id,  
              : refresh-packagekit, security, subscription-manager, tmprepo,  
              : verify, versionlock  
Updating certificate-based repositories.  
Unable to read consumer identity  
Loading support for Red Hat kernel ABI  
rhel-source                                                | 4.0 kB     00:00 ...  
rhel-source/primary\_db                                     | 3.1 MB     00:00 ...  
Setting up Update Process  
No Packages marked for Update