



链滴

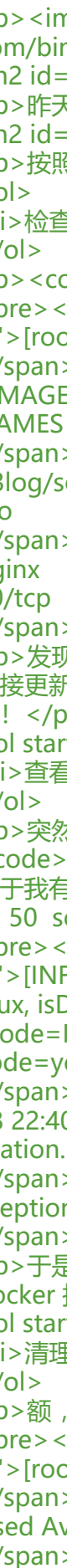
由于 docker 占用空间过多导致博客崩溃 (一)

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原文链接: <https://ld246.com/article/1589902725713>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

崩

昨天博客写笔记时突然崩掉，没法愉快的玩耍了。。

排错

按照步骤来，连上服务器看看服务状态

- 检查服务

`docker ps`

```
class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">[root@izj6c11y5fbhepw9woftklz java]# docker ps</span></span><span class="highlight-line"><span class="highlight-cl">CONTAINER ID</span></span><span class="highlight-line"><span class="highlight-cl">IMAGE</span></span><span class="highlight-line"><span class="highlight-cl">COMMAND</span></span><span class="highlight-line"><span class="highlight-cl">CREATED</span></span><span class="highlight-line"><span class="highlight-cl">STATUS</span></span><span class="highlight-line"><span class="highlight-cl">PORTS</span></span><span class="highlight-line"><span class="highlight-cl">NAMES</span></span><span class="highlight-line"><span class="highlight-cl">f2380e20b853</span></span><span class="highlight-line"><span class="highlight-cl">b3log/solo</span></span><span class="highlight-line"><span class="highlight-cl">"java -cp lib/*:. or..."</span></span><span class="highlight-line"><span class="highlight-cl">4 months ago</span></span><span class="highlight-line"><span class="highlight-cl">Up About an hour</span></span><span class="highlight-line"><span class="highlight-cl">olo</span></span><span class="highlight-line"><span class="highlight-cl">9da3e37f7416</span></span><span class="highlight-line"><span class="highlight-cl">nginx</span></span><span class="highlight-line"><span class="highlight-cl">"nginx -g 'daemon of..."</span></span><span class="highlight-line"><span class="highlight-cl">6 months ago</span></span><span class="highlight-line"><span class="highlight-cl">Up About an hour</span></span><span class="highlight-line"><span class="highlight-cl">0.0.0.0:80->80/tcp</span></span><span class="highlight-line"><span class="highlight-cl">nginx</span></span></code></pre>

发现服务还在，于是认为是自己刚刚可能搞了啥子骚操作，把博客整出 bug 了。所以为了偷懒直接更新下容器 docker pull b3log/solo，然后重新 run 个容器出来。然而问题依旧！



- 查看日志



突然想起来我数据库好像也是用 docker 部署的，刚刚 docker ps 似乎没有看到 mysql 的影子 docker ps -a 确认一下，果然发现 MySQL 死掉了。  
由于我有三四台服务器，我有点忘记了这个博客是不是用的这个库，所以执行 docker logs --tail 50 solo 发现确实报错：



```
class="highlight-chroma">[INFO]-[2020-05-18 22:40:22]-[org.b3log.solo.Server:216]: Solo is booting [ver=3.8.0, os=linux, isDocker=true, inJar=false, luteAvailable=false, pid=1, runtimeDatabase=MYSQL, runtimeMode=PRODUCTION, jdbc.username=root, jdbc.URL=jdbc:mysql://127.0.0.1:3306/solo?useUnicode=yes&characterEncoding=UTF-8&useSSL=false&serverTimezone=UTC][ERROR]-[2020-05-18 22:40:24]-[com.zaxxer.hikari.pool.HikariPool:587]: HikariPool-1 - Exception during pool initialization.com.mysql.cj.jdbc.exceptions.CommunicationsException: Communications link failure</code></pre>

于是重启 mysql: docker start mysql
docker 报错: No space left on device

- 清理空间

额，好吧！空间不够！df -h 查看发现根目录已经 100% 了


```
class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">[root@izj6c11y5fbhepw9woftklz java]# df -h</span></span><span class="highlight-line"><span class="highlight-cl">Filesystem</span></span><span class="highlight-line"><span class="highlight-cl">Size</span></span><span class="highlight-line"><span class="highlight-cl">Used</span></span><span class="highlight-line"><span class="highlight-cl">Avail</span></span><span class="highlight-line"><span class="highlight-cl">Use%</span></span><span class="highlight-line"><span class="highlight-cl">Mounted on</span></span><span class="highlight-line"><span class="highlight-cl">devtmpfs</span></span><span class="highlight-line"><span class="highlight-cl">90</span></span></code></pre>
```


```


```

```
M  0 909M  0% /dev
</span></span><span class="highlight-line"><span class="highlight-cl">tmpfs          919M
16K 919M  1% /dev/shm
</span></span><span class="highlight-line"><span class="highlight-cl">tmpfs          919M
83M 837M  9% /run
</span></span><span class="highlight-line"><span class="highlight-cl">tmpfs          919M
0 919M  0% /sys/fs/cgroup
</span></span><span class="highlight-line"><span class="highlight-cl">/dev/vda1      25
25G  0   100% /
</span></span></code></pre>
<p>使用下面 两个命令，从根目录开始检查，删除不必要的文件：</p>
<pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">cd /
</span></span><span class="highlight-line"><span class="highlight-cl">du --max-depth=
-h
</span></span></code></pre>
<p>最后发现 docker 占用空间异常的大，原来是我在里面还部署了 MQ、ZK、Redis 等一堆东西
来学习，忍痛割爱只有把这些清理了，移到另一个服务器上学习了。</p>
<pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">docker system df
</span></span><span class="highlight-line"><span class="highlight-cl">docker stop +要
除的容器
</span></span><span class="highlight-line"><span class="highlight-cl">docker rm $(dock
r ps -a -q)
</span></span><span class="highlight-line"><span class="highlight-cl">docker system pr
ne
</span></span></code></pre>
<p><code>docker rm $(docker ps -a -q)</code> 是安全的，因为没有加 <code>-f</code>
时候，正在运行的容器无法被删除。<br>
<strong>docker system prune</strong> 命令可以用于清理磁盘，删除关闭的容器、无用的数据
和网络，以及 dangling 镜像(即无 tag 的镜像)。<strong>docker system prune -a</strong> 命
清理得更加彻底，可以将没有容器使用 Docker 镜像都删掉。</p>
<ol start="4">
<li>重启服务</li>
</ol>
<p>在清理足够空间后，开始重启服务。</p>
<pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">init 6 #重启
</span></span><span class="highlight-line"><span class="highlight-cl">docker start mysql
</span></span><span class="highlight-line"><span class="highlight-cl">docker start solo
</span></span><span class="highlight-line"><span class="highlight-cl">docker start nginx
</span></span></code></pre>
<p>在浏览器输入 <a href="https://ld246.com/forward?goto=https%3A%2F%2F" target="_bla
k" rel="nofollow ugc">blog.caiqz.cn</a>,然而！404 都没有了，网站直接没有任何响应了！未完
遇。。。</p>
```