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## How to Properly Restart Voyager, Apache and Tomcat

- **Article Type:** General
  - **Product:** Voyager
  - **Product Version:** 8
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### Question

How to properly stop and start Voyager, Apache and Tomcat?

### Answer

To restart Tomcat: as voyager user (where xxxdb is the Voyager Database Instance) --

```
/m1/voyager/xxxdb/tomcat/tsvrcctl stop  
/m1/voyager/xxxdb/tomcat/tsvrcctl start
```

To restart Voyager: as root user --

```
/etc/init.d/voyager stop  
/etc/init.d/voyager start
```

To restart Apache: as root user --

```
/etc/init.d/httpd2 stop  
/etc/init.d/httpd2 start
```

Graceful Apache restart:

```
apachectl -k graceful
```

### Additional Information

If only a restart of Tomcat is needed, you can use the [UTIL Menu](#) for Voyager 8.1.0 and higher (please see the [UTIL Menu Guide](#), Chapter 1, for information about the dlib command):

1. `dlib xxxdb` (where xxxdb is the Voyager Database Instance)
2. `util`
3. `W. WebVoyage Utilities`
4. `T. Restart tomcat services for xxxdb`

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