### Local Development

**Checkout**

```
cd <home>/iocapps/R3.13.2/support
cvs checkout -d <top> support/<top>
```

**Develop**

```
cd <top>/...
cvs edit ...
    edit, gnumake, test ...
cd <top>
cvs commit ...
```

**Tag Version**

```
cd <top>
cvs tagRX-Y
```

**Release**

Ask Operations to install and build the support application in iocapps/R3.13.2/support/<top>/X−Y.

---

### Minor Changes

**Checkout**

```
cd <home>/iocapps/R3.13.2/ioc/<ioc>
cvs checkout -d -r Bn <ioc>
```

**Develop**

```
cd <ioc>/n/...
cvs edit ...
    edit, gnumake ...
cvs commit etc
```

**Release**

Ask Operations to update and rebuild the IOC application in iocapps/R3.13.2/ioc/<top>/n.

---

### Importing Updated Version

**Install**

```
cd <work>
gnutar xvfz <top>-X.2.tar.gz
```

The tar file is assumed to extract into a subdirectory named <top>-X.2.

**Import**

```
cd <work>/<top>-X.2
cvs import support/<top> <top> relX-2
    conflicts may be reported here
cd <work>
rm -rf <top>-X.2
```

**Resolve Conflicts (always required)**

```
cd <home>/iocapps/R3.13.2/support
rm -rf <top>
cvs co -d <top> -j relX-1 -j relX-2 support/<top>
cd <top>
    fix conflicts, configure, test ...
cvs commit .
```

**Tag Version**

```
cd <top>
cvs tag RX-2
```

**Release**

Ask Operations to install and build the support application in iocapps/R3.13.2/support/<top>/X-2.

---

### Major Changes

**Checkout Main Branch**

```
cd <home>/iocapps/R3.13.2/ioc/<ioc>
cvs checkout -d main ioc/<ioc>
```

**Merge With Side Branch**

```
cd ioc/<ioc>/main
cvs update -d -j B1
cvs commit
```

**Develop**

```
cd <ioc>/main/...
cvs edit ...
    edit, gnumake ...
cvs commit etc
```

**Create New Branch**

```
cd <ioc>/main

cvs tag R2
cvs tag -b B2
cd <ioc>
rm -rf main
```

**Release**

Ask Operations to install and build the B2 branch in iocapps/R3.13.2/ioc/<top>/2.

Parallel minor changes must be made in both B1 and B2 until B1 is no longer needed.
<table>
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<td></td>
<td>Parallel minor changes must be made in both branches until old branch is no longer needed.</td>
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