

IOC SCM Procedures Quick Reference: Developers

<code><supporttop></code> Development	<code><ioc></code> Development
<p>Local Development</p> <p>Checkout <code>cd <home>/iocapps/R3.13.2/support</code> <code>cvcs checkout -d <top> support/<top></code></p> <p>Develop <code>cd <top>/...</code> <code>cvcs edit ...</code> <code>edit, gnumake, test ...</code> <code>cd <top></code> <code>cvcs commit ...</code></p> <p>Tag Version <code>cd <top></code> <code>cvcs tag RX-Y</code></p> <p>Release</p> <p>Ask Operations to install and build the support application in <code>iocapps/R3.13.2/support/<top>/X-Y</code>.</p>	<p>Minor Changes</p> <p>Checkout <code>cd <home>/iocapps/R3.13.2/ioc/<ioc></code> <code>cvcs checkout -d n -r Bn ioc/<ioc></code></p> <p>Develop <code>cd <ioc>/n/...</code> <code>cvcs edit ...</code> <code>edit, gnumake ...</code> <code>cvcs commit etc</code></p> <p>Release</p> <p>Ask Operations to update and rebuild the IOC application in <code>iocapps/R3.13.2/ioc/<top>/n</code>.</p>
<p>Importing Updated Version</p> <p>Install <code>cd <work></code> <code>gnutar xvfz <top>-X.2.tar.gz</code></p> <p>The tar file is assumed to extract into a subdirectory named <code><top>-X.2</code>.</p> <p>Import <code>cd <work>/<top>-X.2</code> <code>cvcs import support/<top> <top> relX-2</code> <code>conflicts may be reported here</code> <code>cd <work></code> <code>rm -rf <top>-X.2</code></p> <p>Resolve Conflicts (always required) <code>cd <home>/iocapps/R3.13.2/support</code> <code>rm -rf <top></code> <code>cvcs co -d <top> -j relX-1 -j relX-2 support/<top></code> <code>cd <top></code> <code>fix conflicts, configure, test ...</code> <code>cvcs commit .</code></p> <p>Tag Version <code>cd <top></code> <code>cvcs tag RX-2</code></p> <p>Release</p> <p>Ask Operations to install and build the support application in <code>iocapps/R3.13.2/support/<top>/X-2</code>.</p>	<p>Major Changes</p> <p>Checkout Main Branch <code>cd <home>/iocapps/R3.13.2/ioc/<ioc></code> <code>cvcs checkout -d main ioc/<ioc></code></p> <p>Merge With Side Branch <code>cd ioc/<ioc>/main</code> <code>cvcs update -d -j B1</code> <code>cvcs commit</code></p> <p>Develop <code>cd <ioc>/main/...</code> <code>cvcs edit ...</code> <code>edit, gnumake ...</code> <code>cvcs commit etc</code></p> <p>Create New Branch <code>cd <ioc>/main</code> <code>cvcs tag R2</code> <code>cvcs tag -b B2</code> <code>cd <ioc></code> <code>rm -rf main</code></p> <p>Release</p> <p>Ask Operations to install and build the B2 branch in <code>iocapps/R3.13.2/ioc/<top>/2</code>.</p> <p>Parallel minor changes must be made in both B1 and B2 until B1 is no longer needed.</p>

IOC SCM Procedures Quick Reference: Operations

<supporttop> Operations	<ioc> Operations
<p>Install and Build</p> <p>Export from CVS cd /usr/local/iocapps/R3.13.2/support mkdir <top> cd <top> cvs -r export -d X-Y -r RX-Y support/<top></p> <p>Build cd X-Y gnumake tee build.lst</p>	<p>Update and Rebuild (Minor Change)</p> <p>Update from CVS cd /usr/local/iocapps/R3.13.2/ioc/<ioc>/n cvs -n update <i>check that only the expected files will change</i> cvs update</p> <p>Build gnumake clean uninstall gnumake tee build.lst</p>
	<p>Install and Build (Major Change)</p> <p>Checkout Branch cd /usr/local/iocapps/R3.13.2/ioc/<ioc> cvs checkout -d n -r Bn ioc/<ioc></p> <p>Build cd n gnumake tee build.lst</p> <p>Parallel minor changes must be made in both branches until old branch is no longer needed.</p>