# Maven Incremental Building fails to determine dependencies for a multi-module project split across two ClearCase VOB's

TeamCity Enterprise 7.0.4 (build 21474)

The example project spans two VOBS, fo\_fx\_applbuild and fo\_fx\_appl. The root POM, all modules POM and modules 1-4 reside in fo\_fx\_applbuild, module 5 resides in the second VOB fo\_fx\_appl. There are two VCS roots, one for each VOB. Since the VOBS are accessible via a dynamic view the version control setting "Do not checkout files automaticaly" is selected and the checkout path is "Custom Path" with the directory being the root of the project in VOB fo\_fx\_applbuild.

Example 1:

* change a file in VOB 1 module 1 (/view/collinj\_unix\_view1/vobs/FO\_FOX/fo\_fx\_applbuild/appl.build/java.build/maven/incremental-all-modules/modules/module1/src/main/java/collinj/module1/Module1.java)
* TeamCity correctly triggers on change in VCS root
* TeamCity correctly determines directly affected modules, all affected modules and required dependency modules
* Log:
  + [17:26:25]Directly affected modules: [incremental-all-modules:module1:1.0-SNAPSHOT]
  + [17:26:25]All affected modules: [incremental-all-modules:module1:1.0-SNAPSHOT, incremental-all-modules:module2:1.0-SNAPSHOT, incremental-all-modules:module4\_2:1.0-SNAPSHOT, incremental-all-modules:module5:1.0-SNAPSHOT]
  + [17:26:25]Required dependency modules: [incremental-all-modules:module4\_1:1.0-SNAPSHOT]

Example 2:

* change a file in VOB 2 module 5 (/view/collinj\_unix\_view1/vobs/FO\_FOX/fo\_fx\_appl/appl/java/java-projects/module5/src/main/java/collinj/module5/Module5.java)
* TeamCity correctly triggers on change in VCS root
* TeamCity does not determine directly affected modules, all affected modules and required dependency modules
* Log:
  + [17:24:33]Directly affected modules: []
  + [17:24:33]All affected modules: []
  + [17:24:33]Required dependency modules: []