

**Use Of Parent POM File**

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1. Overview

This document provides information about how to use Parent POM File, which will specify the common entries for POM (Project Object Model) files of individual projects.

1. Purpose

Whenever we go with application having multiple services or projects, each project we have to specify "pom.xml" with all the jars which are useful for that. Especially some jars will be common for all the application like spring jars, testing related jars, logging related jars.

So Instead of having same jars entries in all the poms, will specify the common entries in parent pom. After that each application/Project will inherit the parent pom and will utilize the entries from that parent pom.

1. Use of Parent POM

* Individual entries will be reduced by inheriting parent pom (re-usability).
* Will have a control and uniformity on poms.  
  Ex: Any change comes in dependency version that will be reflected in all the inherited poms. By this approach, we can avoid issues with version differences between applications.

1. Implementation Process

Steps need to be follow while doing the implementing parent POM.

**Step 1:-** Check-out the parent POM from SVN and place it within your project’s resources folder.

**Step 2:-** In your projects original pom.xml file, paste the following tag between the project tag

<parent>

<groupId>com.icoe</groupId>

<artifactId>parent</artifactId>

<version>1.0</version>

<relativePath>src/main/resources/parent-pom.xml</relativePath>

</parent>

Please note that the <relativePath> tag should contain the path location where the parent POM taken from SVN is placed.

 

Developers need to place the parent-pom.xml file inside src/main/resources under project

folder and rename child-pom.xml to pom.xml keep inside project folder.