

Build and Source Control - Bug #11714

Fix MANIFEST classpath for minimal FWD client distribution.

08/06/2026 03:14 AM - Teodor Gorghe

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		reviewer:	
billable:	No	production:	No
vendor_id:	GCD	env_name:	
case_num:		topics:	
version_reported:			
version_resolved:			
Description			

History

#3 - 08/06/2026 03:22 AM - Teodor Gorghe

- File `dist_fix.patch` added

Currently, we use `build/lib/p2j.jar`, which has the MANIFEST classpath, the union of all distributions (client, server, convert).

The issue is that, not all distributions resolve to the same dependency version. For example, on #11671, the commons-io dependency resolved to 2.20.0 for FWD client and to 2.22.0 for FWD server. The final result for union is 2.22.0, but the client distribution still used 2.20.0, which caused a runtime missing dependency error.

Attached the patch which generates `p2j.jar` for each distribution.

#4 - 08/06/2026 03:24 AM - Constantin Asofiei

We do not want different `p2j.jar` for `lib.client/server/etc.` So:

- a single `p2j.jar` with the union classpath in the manifest
- `lib.client`, `lib.server`, etc all need to use the same versions of the jars

#5 - 08/06/2026 03:25 AM - Teodor Gorghe

Understood.

#6 - 08/06/2026 06:15 AM - Greg Shah

We do not want different `p2j.jar` for `lib.client/server/etc.` So:

Actually, as noted in [#2158](#), [#11362](#) and [#11367](#) we do want to get to this. Is your concern a short term thing?

Greg Shah wrote:

We do not want different p2j.jar for lib.client/server/etc. So:

Actually, as noted in [#2158](#), [#11362](#) and [#11367](#) we do want to get to this. Is your concern a short term thing?

Greg, those are something else. The 'fat' jar must work with any sub-set of the jar libraries - client, server, convert. If we use the same jar name, it will just create confusion.

When we move to different FWD jars for different cases, then we will have fwd-openclient.jar, fwd-client.jar, fwd-server.jar, etc. I don't want to have the same p2j.jar with just the manifest changed. More, there are hard-coded cases in FWD where we look exactly for p2j.jar file on the classpath, so those will need to be addressed at some point, too.

Files

dist_fix.patch	6.31 KB	08/06/2026	Teodor Gorghe
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