MES OCO and UCO Objects are Not Upgraded in All Migration Scenarios

---

All Tech Notes, Tech Alerts and KBCD documents and software are provided "as is" without warranty of any kind. See the **Terms of Use** for more information.

Topic#: 002588
Created: October 2011

Introduction

This *Tech Note* describes an issue when upgrading from MES 4.0 to MES 4.0 SP1, where the Operations Capability Object (OCO) and the Utilization Capability Object (UCO) are not upgraded in some cases.

This problem is only found on machines that already had MES 4.0 Application Objects imported into the Galaxy.

To resolve this problem you will need to open an SR against MES and request hot fix **L00117112**. This hot fix contains a new MES 4.0 SP1 OCO and UCO base template. Follow the release notes included with the hot fix.

Application Versions

- MES 4.0 and later

- Wonderware Application Server 3.0 and later

Migration Scenario Details

The following screen shots show the errors generated while importing the OCO/UCO, and the successful import for the objects. Also included are screen shots for the 4.0 versions and 4.0 SP1 version of the OCO/UCO so you can be sure that they are migrated correctly.

Issue

While importing the objects you will see warnings when the system already has MES 4.0 installed.

OCO Warnings

For the OCO you will see the message in the **Import Automation Object(s)** utility:

```
Base template $OperationsCapability skipped. An identical or newer base template "$OperationsCapability" already exists with the same code
base "ArchestrA.OperationsCapability."
Object import ends.
```
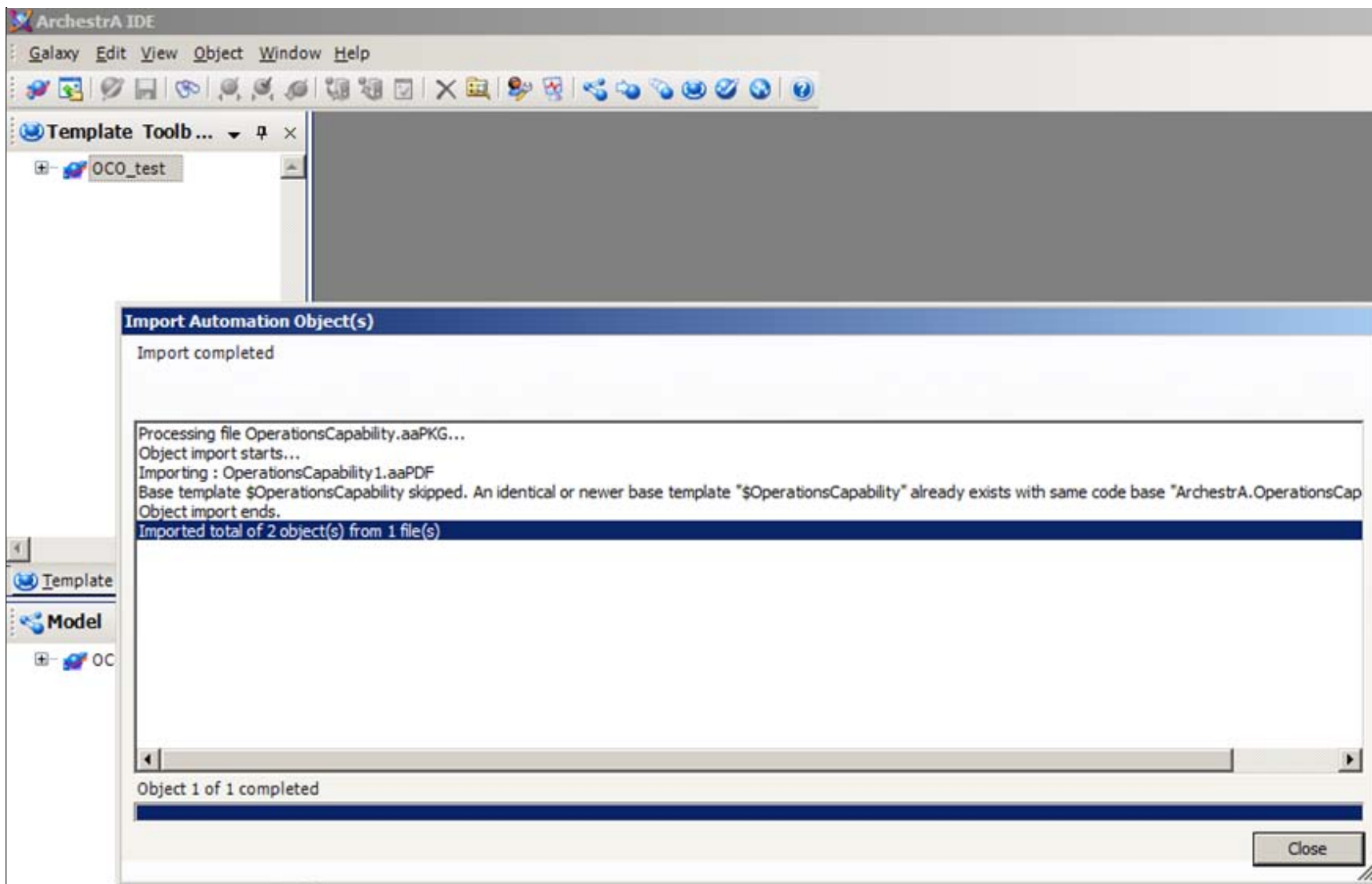
FIGURE 1: OCO WARNING FOR OBJECT IMPORT - BASE TEMPLATE SKIPPED

To verify the versions for the OCO/UCO, locate **C:\Program Files\ArchestraA\Framework\Bin** on the Galaxy Repository (Figure 2 below).
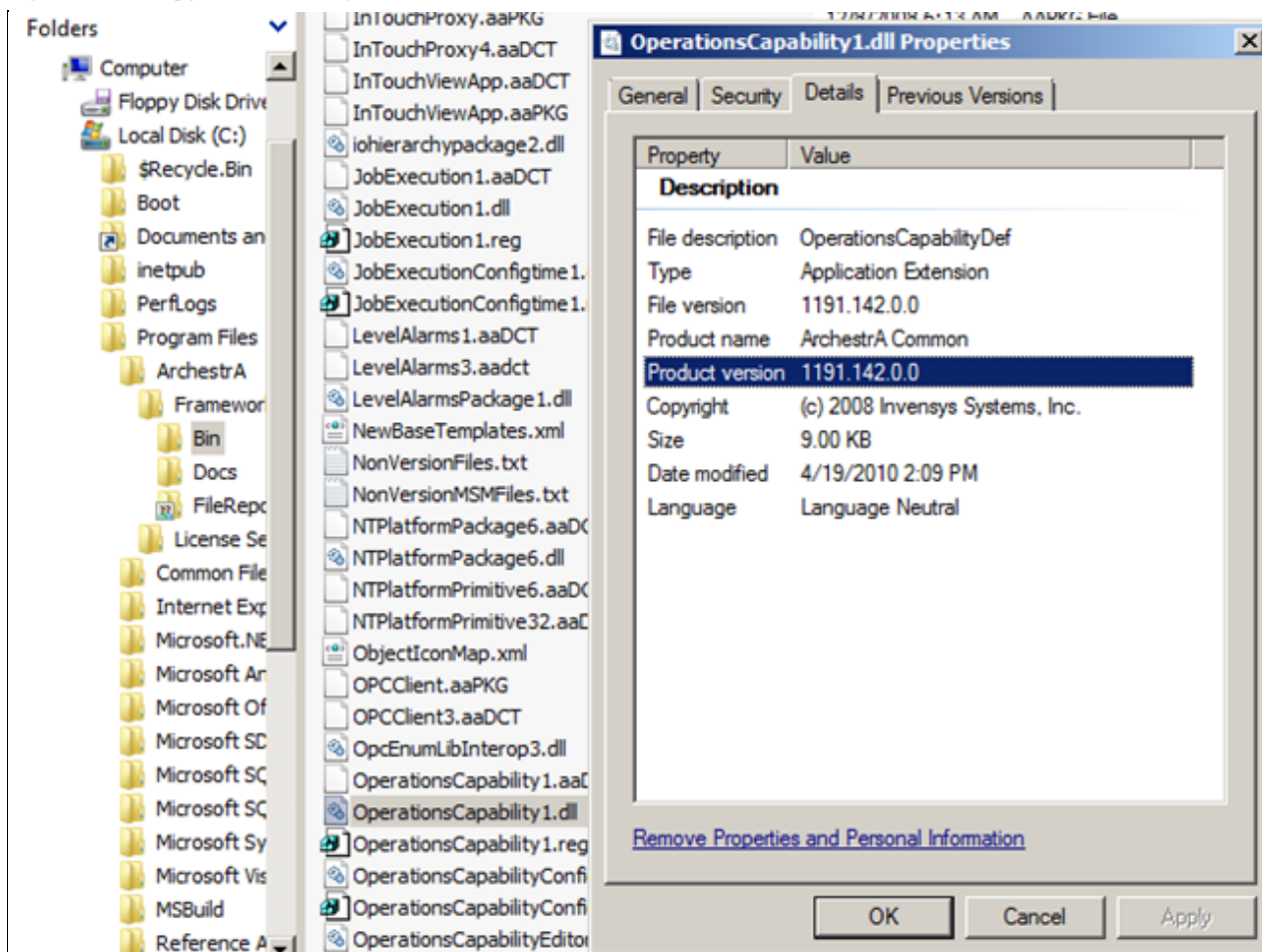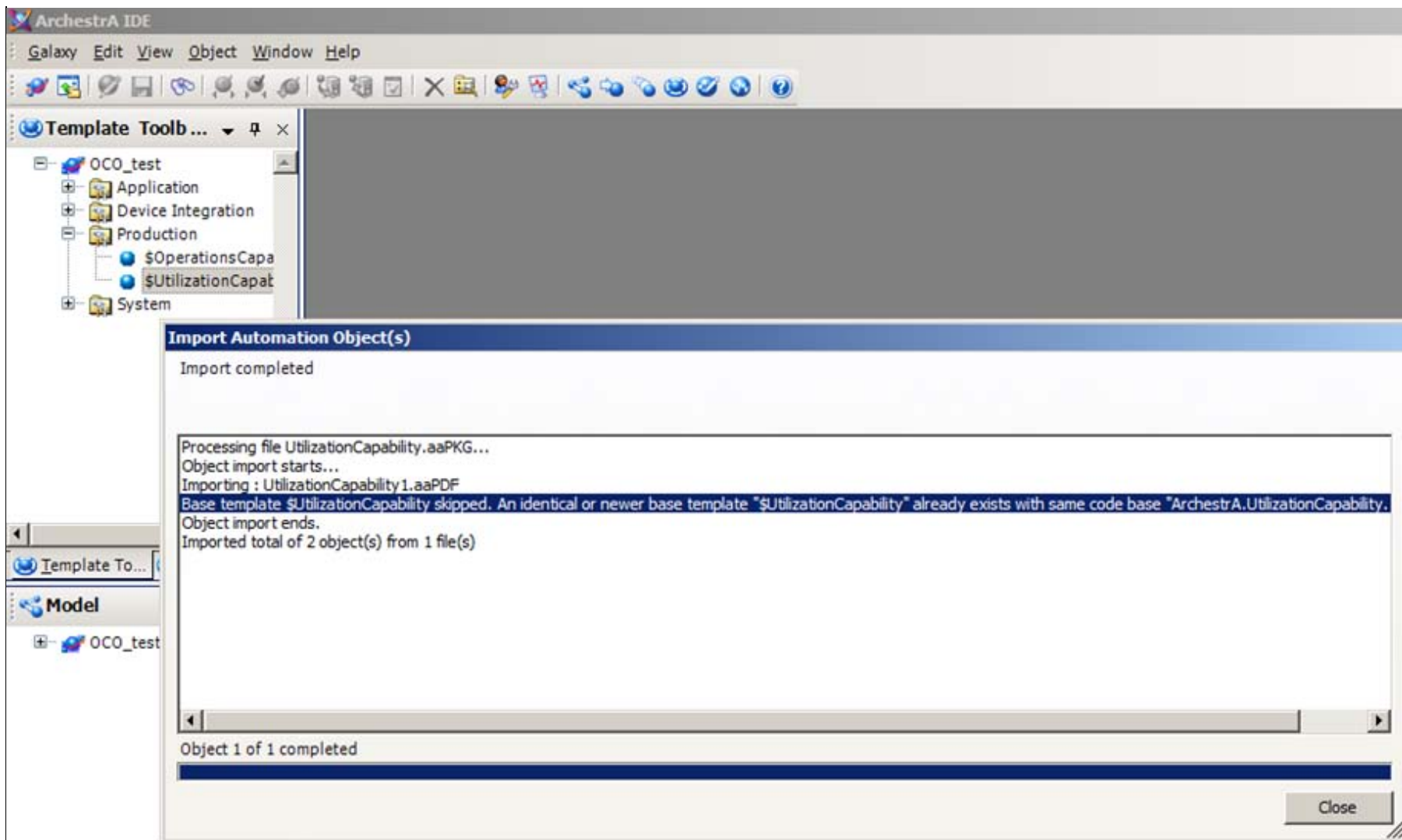
FIGURE 2: OPERATIONS CAPABILITY OBJECT DLL PROPERTIES

UCO Warnings

For the UCO you will get as message in the Import utility

```
Base template $UtilizationCapability skipped. An identical or newer base template "$UtilizationCapability" already exists with the same code
base"ArchestrA.UtilizationCapability."
Object import ends.
```

FIGURE 3: UCO WARNING FOR OBJECT IMPORT - BASE TEMPLATE SKIPPED
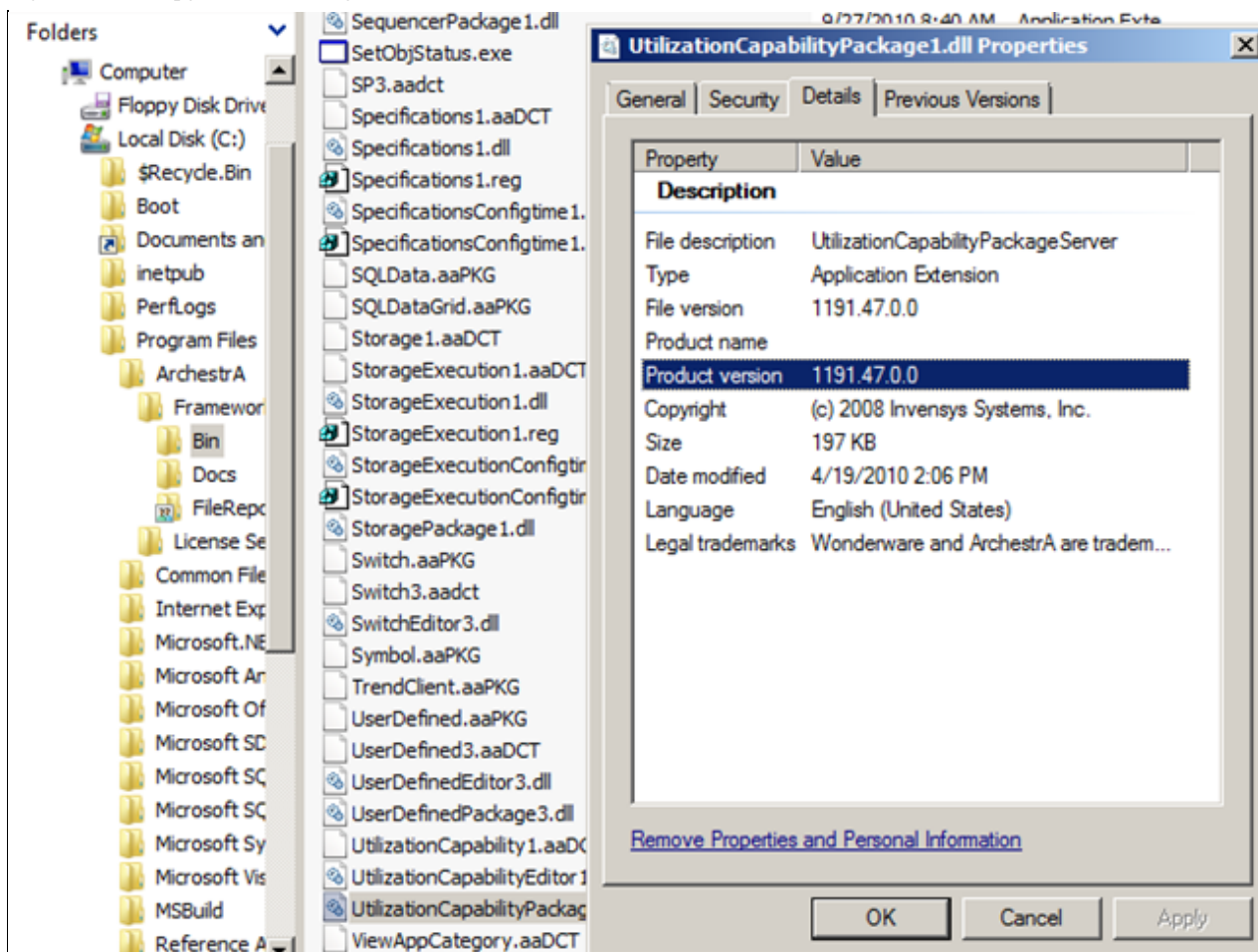
Versions for MES 4.0 UCO

FIGURE 4: UTILIZATION CAPABILITY OBJECT DLL PROPERTIES

Applying the Hot Fix

After downloading hot fix **L00117112** and following the release notes to install the OCO/UCO objects, you will see the following messages in the import utility.
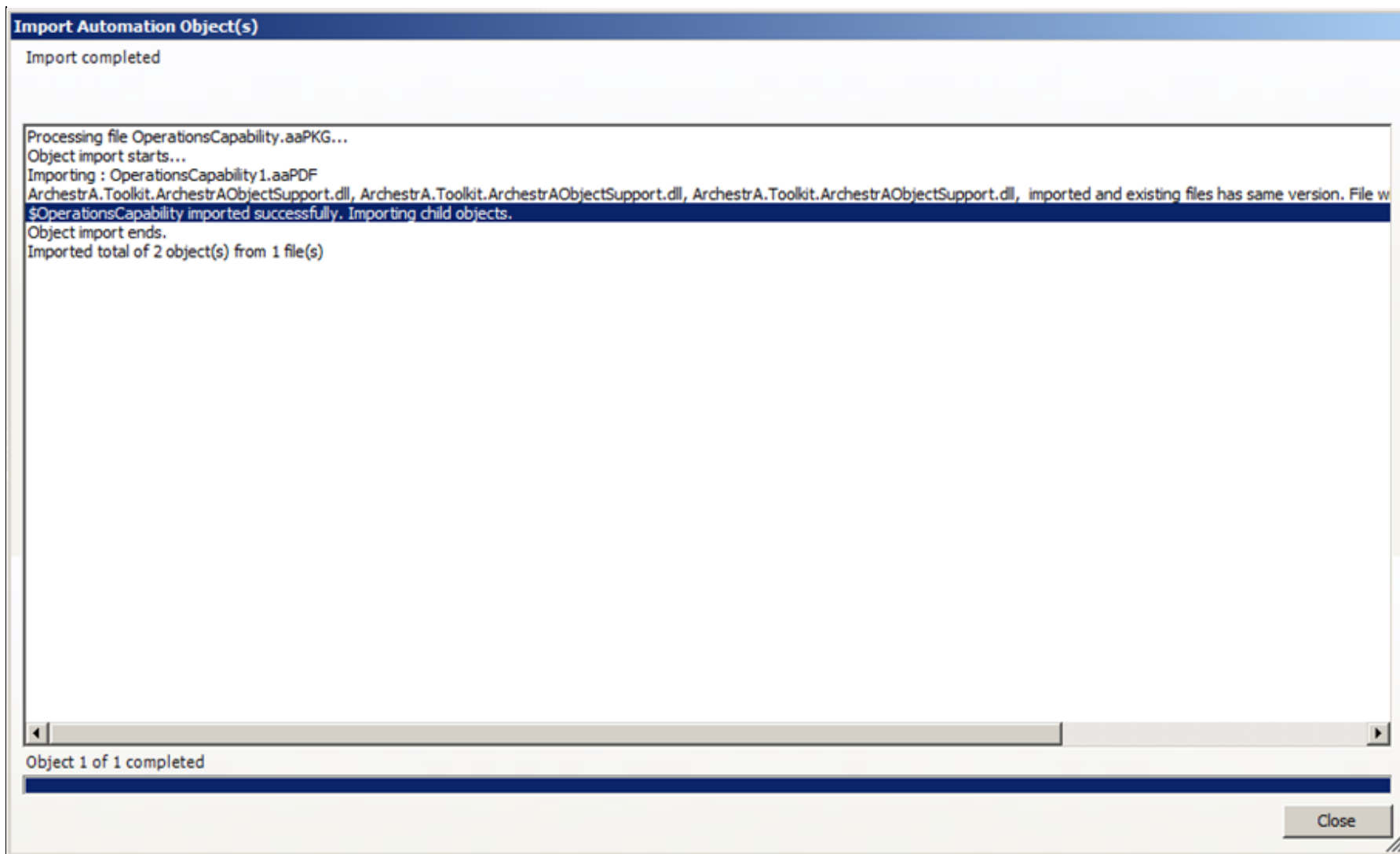
- The successful OCO Object import:

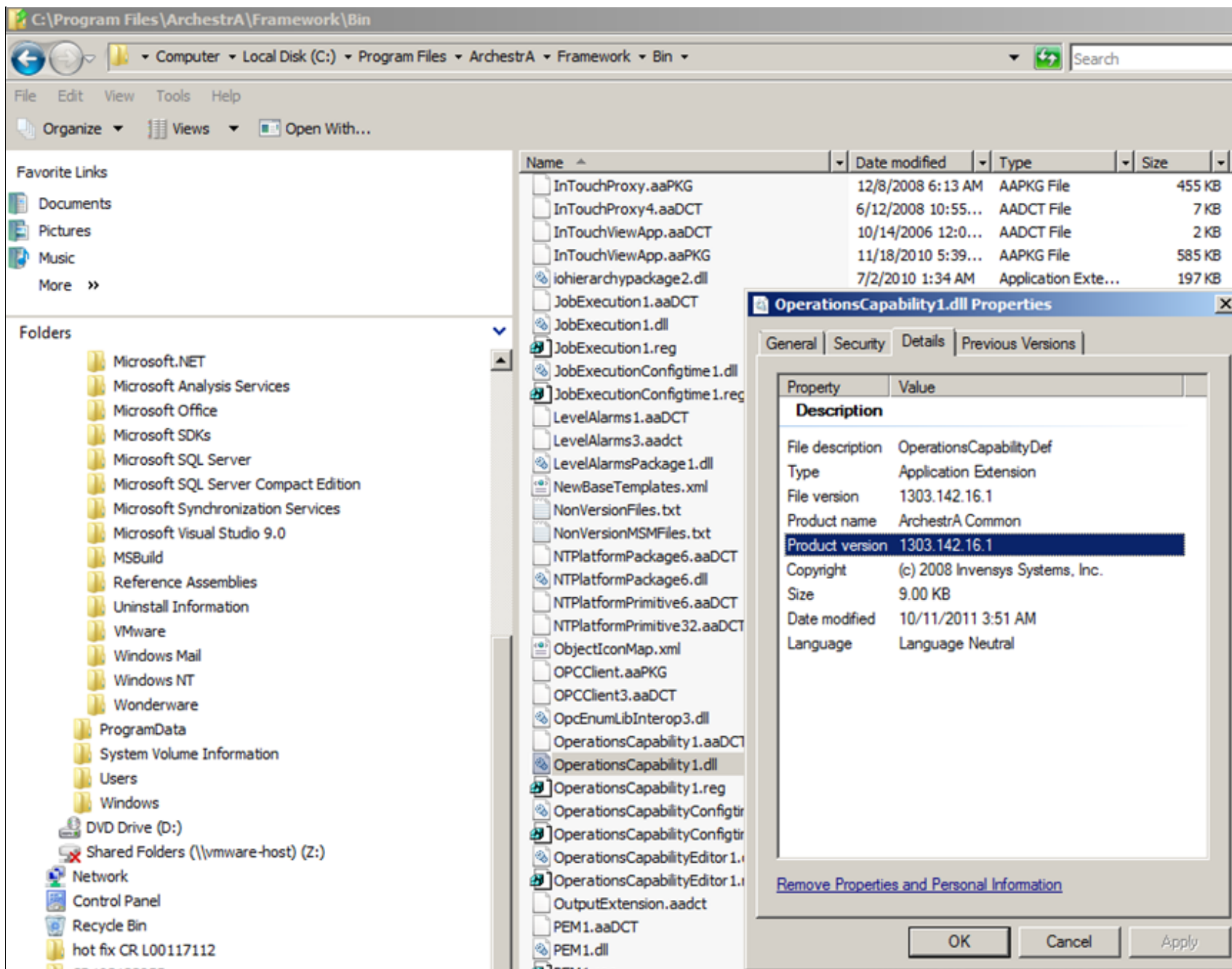**FIGURE 5: SUCCESSFUL OCO OBJECT IMPORT**

- MES 4.0 SP1 OCO version:

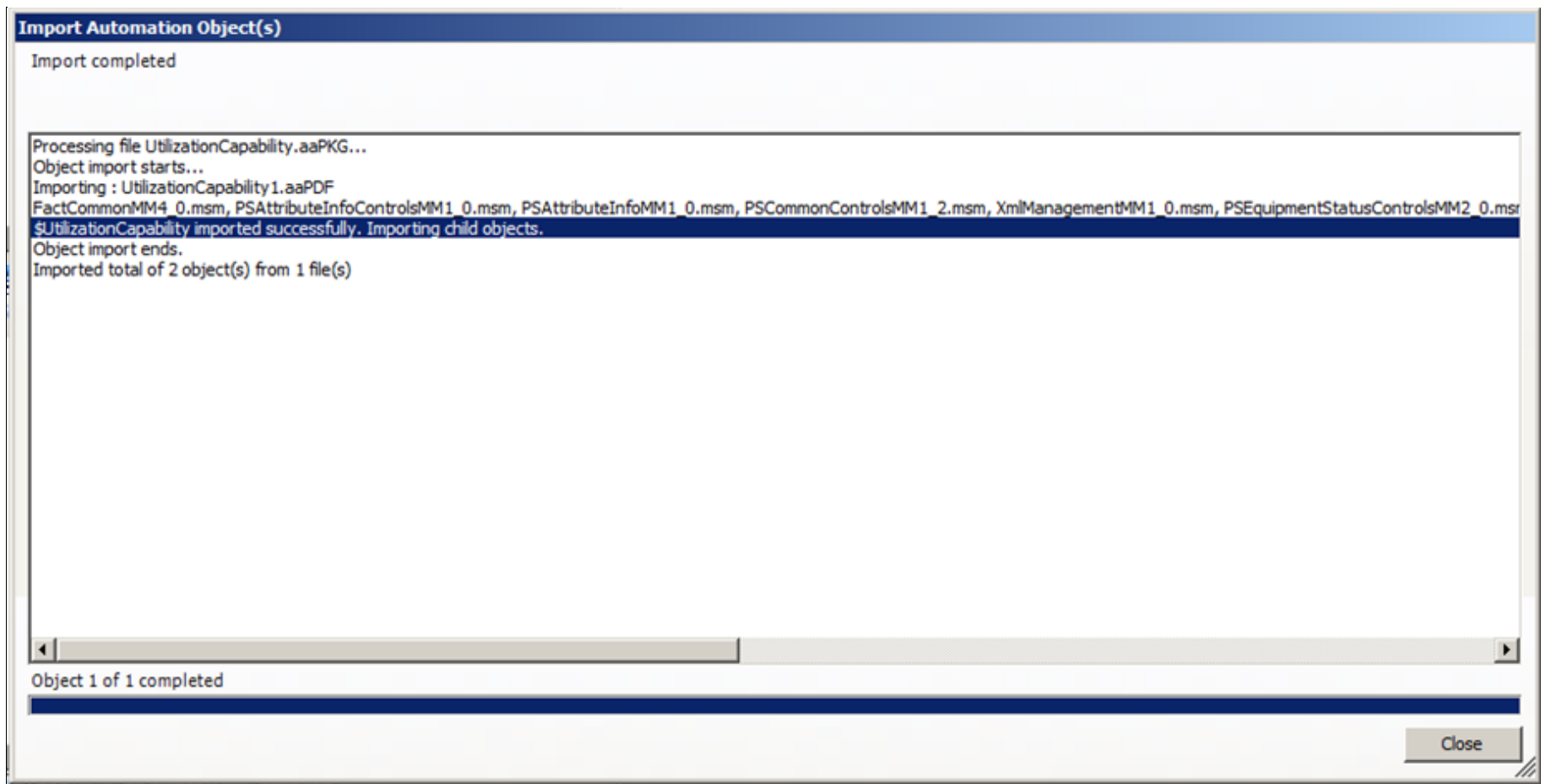**FIGURE 6: OCO OBJECT VERSION**

- The successful UCO Object import:

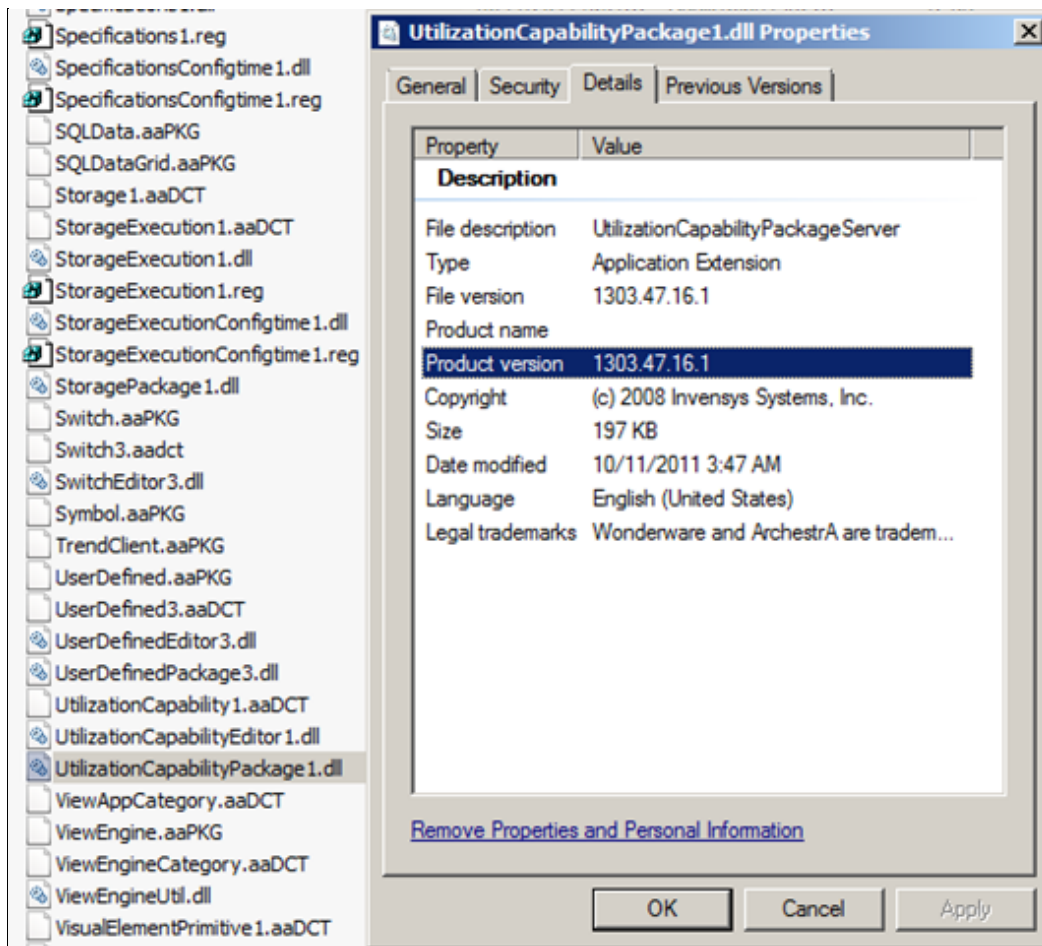**FIGURE 7: SUCCESSFUL UCO OBJECT IMPORT**

- MES 4.0 SP1 UCO version:

FIGURE 8: UCO OBJECT VERSION

J. Godfrey

For technical support questions, send an e-mail to **wwsupport@invensys.com**.

Back to top