
Astoria 3.0 Technical Bulletin #1

This technical bulletin supplements the information provided in your Astoria 3.0 documentation with a newly-discovered issue and its resolution.

Issue

In Astoria 2.0 databases, the language identifier that is associated with each cabinet generally combined a language and a country (e.g., "English (United States)"). In Astoria 3.0, the default languages installed on the server do not include a country (e.g., "English").

Certain actions, such as import and database upgrade, cause an indexing job to be sent to the Astoria server. The index process then checks to see if the cabinet's language/country combination is configured on the Astoria server. When it is not, the Astoria client will receive a message indicating that the Astoria server will try to automatically configure the cabinet's language/country combination. The indexing job will fail, but the attempt to automatically configure the cabinet's language/country combination will continue on the Astoria server.

When the indexing job fails, the action that created the indexing job will also fail. Attempting the action again will succeed, since the automatic configuration has taken place.

Because Astoria 2.0 databases generally have the language/country combination (whereas the Astoria 3.0 language lists are based on language only), this problem will occur frequently during database upgrade.

Resolution/Workaround

You must manually configure your cabinet's language/country combination in order to prevent failure of the database upgrade. To manually configure your cabinets with the proper language/country combination, you must integrate the following steps when you perform an upgrade to Astoria 3.0 as specified Chapter 4, Upgrading Astoria in the *Astoria Installation Guide*.

To configure a language/country combination for your cabinets:

1. Before you upgrade your server software to Astoria 3.0, run the Database Administration tool.
2. Select a cabinet, then click Show Properties from the Object menu.
3. Note the language/country combination assigned to the cabinet.
4. Repeat Steps 2 and 3 above for all cabinets in your database.
5. After you upgrade your server software to Astoria 3.0 (but before you deserialize your database), run the following utility for any language/country combinations that you noted for your existing cabinets.

◆ **Note:** The **astlmap** utility is located on the server in the **c:\astoria\bin** directory (on Windows NT) and in the **/opt/astoria/bin** directory (on Solaris). ◆

If you are using English (United States), run:

```
astlmap -a 050e1513 english
```

If you are using English (United Kingdom), run:

```
astlmap -a 050e0702 english
```

If you are using French (France), run:

```
astlmap -a 06120612 frenchx
```

If you are using German (Germany), run:

```
astlmap -a 04050405 germanx
```

If you receive one of the following error messages, you must re-run installation to add French or German language support:

Warning: Directory C:\ASTORIA\verity\common\frenchx does not exist.

Warning: Directory C:\ASTORIA\verity\common\germanx does not exist.

If your language/country combination does not appear in the commands specified above, you must run the following steps instead of the commands above to configure your language/country combination.

- A. From the command prompt or shell, enter the following command:

```
astlmap -l | more
```

- B. Find the four-digit code of the language that you want to configure, then write it down.

- C. From the command prompt or shell, enter the following command:

```
astlmap -c | more
```

- D. Find the four-digit code that corresponds to your country, then write it down.

- ◆ **Note:** A language code can be combined with a country code of 0000 to specify that the country code be blank. ◆

- E. Combine the two four-digit codes into a single 8-digit code (language code, followed by country code). This is your hexcode.

- F. From the command prompt or shell, enter the following command:

```
astlmap -a hexcode index locale
```

where *hexcode* is the eight-digit language/country combination and *index locale* is entered exactly as the name of one of the following: bokmalx, danishx, dutchx, finnishx, frenchx, germanx, italianx, nynorskx, portugx, spanishx, and swedishx.

- ◆ **Note:** An error can occur if the hexcode specified is invalid or the index locale specified does not exist. ◆