

Using the Subprogram-Proxy-Client Model

You can generate the Subprogram-Proxy-Client model in the Generation subsystem or use the Business Service wizard in the Natural or Eclipse plug-in to do this during the generation of a business service. This section covers the following topics:

- In the Generation Subsystem
 - In the Eclipse Plug-in for Natural Business Services
 - In the Natural Plug-in for Natural Business Services
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In the Generation Subsystem

 **To generate the Subprogram-Proxy-Client model in the Generation subsystem:**

1. Enter "ncstg" on the Natural command line.

The Natural Construct Generation main menu is displayed.

Note:

For more information on using the Generation main menu, see *Natural Construct Generation*.

2. Type "M" in Function.
3. Type the name of your subprogram proxy client in Module.
4. Type "Subprogram-Proxy-Client" in Model.
5. Press Enter.

The Standard Parameters panel for the Subprogram-Proxy-Client model is displayed. For example:

```

CUSQMA          SUBPROGRAM-PROXY-CLIENT Subprogram          CUSQMA0
Jun 01          Standard Parameters                          1 of 1

Module ..... SPCLIENT
System ..... CSTDEMO_____

Title ..... Subp proxy client for..._
Description ..... Description of subprogram proxy client that..._____
_____
_____

Server proxy subp .. _____ *

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
main  help  retrn quit                                userX main

```

6. Select the name of the server proxy from Server proxy subp.

Use one of the following methods to determine the name of the server proxy:

- Scan the library for subprograms generated by the Subprogram-Proxy model
- View the service module names listed in the repository in the Natural or Eclipse plug-in

7. Press Enter.

The Generation main menu is displayed.

8. Enter "G" in Function to generate the subprogram proxy client.

In the Eclipse Plug-in for Natural Business Services

To generate the subprogram proxy client in the Eclipse plug-in:

- For a new business service, select **Auto-generate Natural clients** on the **Enter Service Name and Select Domain** panel before generating the service. For information, see Create a Business Service.
- For an existing business service, select **Generate Natural client** on the context menu for the service in the Service Repository Explorer. For information, see Generate a Natural Client.

In the Natural Plug-in for Natural Business Services

To generate the subprogram proxy client in the Natural plug-in:

- For a new business service, select **Auto-generate Natural clients** on the **Enter Service Name and Select Domain** panel before generating the service. For information, see Create a Business Service.

- For an existing business service, select **Generate Natural client** on the context menu for the service in the Business Service Repository. For information, see [Generate a Natural Client](#).