

# Technical Note 442: Implementing a SWE Command that Executes the Business Service

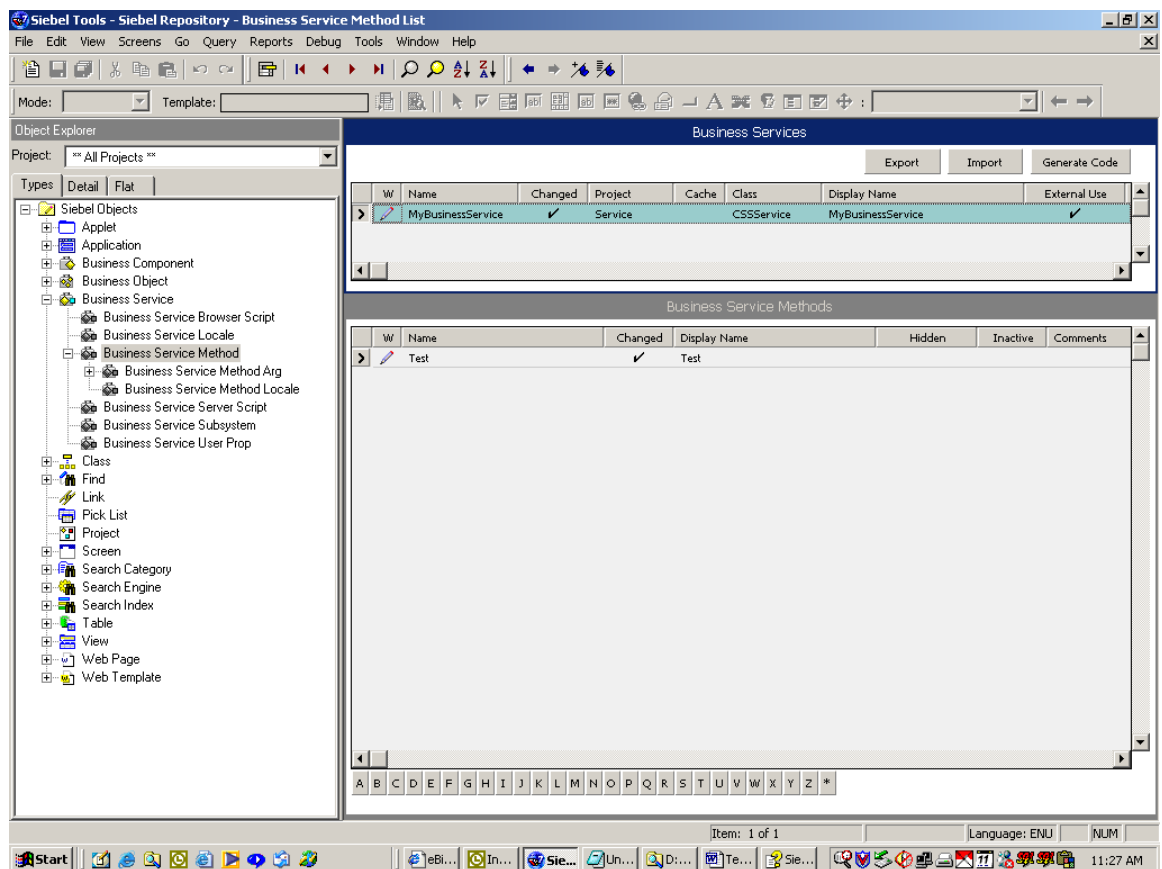
## Background

In some occasions, it is necessary to use SWE commands to perform some complex operations. In those cases, a possible approach is to define a server business service, and call the business service using the SWE interface. This document outlines how such implementation can be achieved.

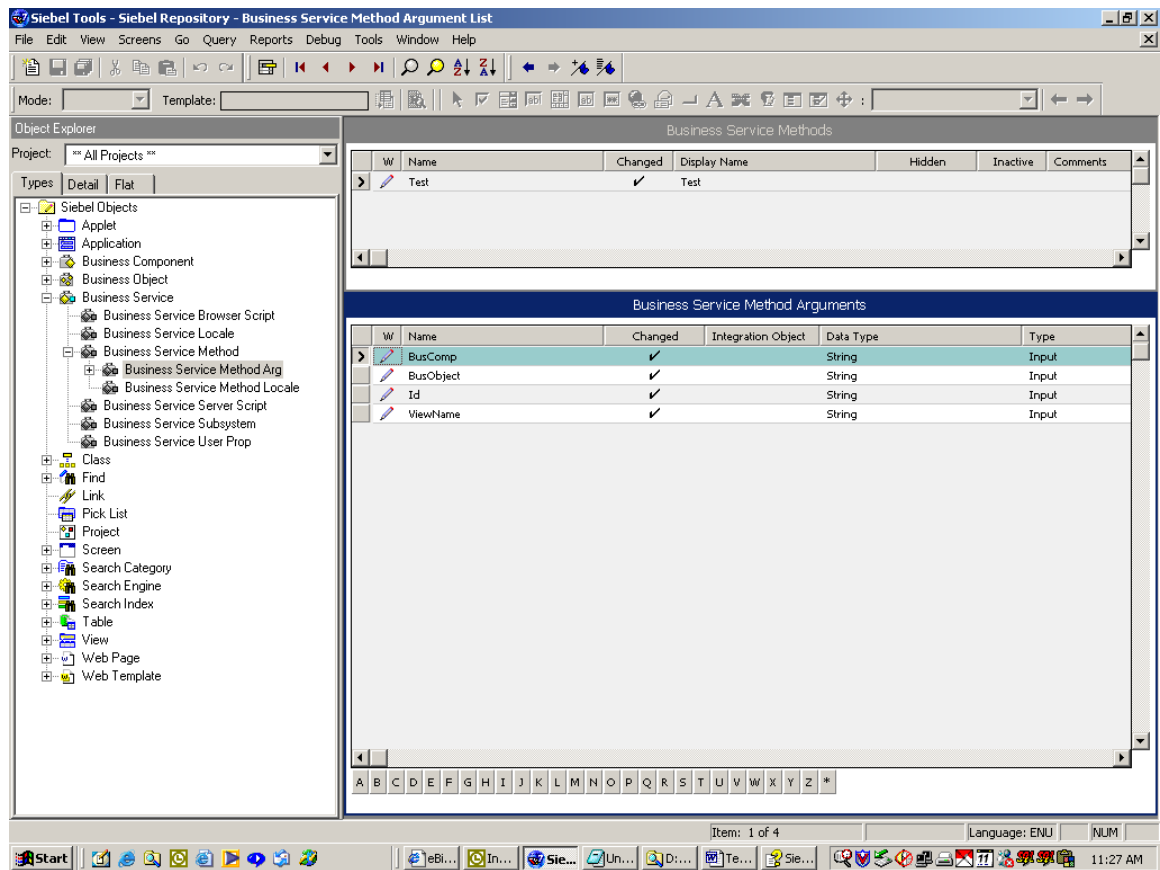
## Summary

In Siebel Tools:

1. Create a custom server business service, for example MyBusinessService
2. Add a custom method "Test" to the above business service



3. Add input parameters "ViewName", "BusObject", "BusComp" and "Id"



4. Implement custom method "test" by adding code to Service\_PreInvokeMethod.

The following sample code reads the input arguments, which are passed from the SWE command, and goes to a particular record within a view.

```
function Service_PreInvokeMethod (MethodName, Inputs, Outputs)
{
  if (MethodName == "Test")
  {
    var sViewName = Inputs.GetProperty("ViewName");
    var sBusObject = Inputs.GetProperty("BusObject");
    var sBusComp = Inputs.GetProperty("BusComp");
    var sId = Inputs.GetProperty("Id");
    var bo = TheApplication().GetBusObject(sBusObject);
    var bc = bo.GetBusComp(sBusComp);
    bc.ClearToQuery();
    bc.SetSearchSpec("Id", sId);
    bc.ExecuteQuery(ForwardBackward);
    TheApplication().GotoView(sViewName, bo);
    return (CancelOperation);
  }
  return (ContinueOperation);
}
```

For example, you can type in the URL address bar of your browser the following URL to execute the custom business service:

```
http://localhost/callcenter_enu/start.swe?SWECmd=InvokeMethod&
SWEMethod=Test&SWEService=MyBusinessService&ViewName=Personal+
Service+Request+List+View&BusObject=Service+Request&BusComp=Se
rvice+Request&Id=1-24AKL&SWERF=1
```

5. If you are using Siebel applications versions 7.5.2.200 and onwards, you need to declare the Business Service on the application cfg file as follows:

```
[SWE]
ClientBusinessService0 = MyBusinessService
```

Starting in Siebel 8.0, the Business Service is added to the appropriate Application as an Application User Property in Siebel Tools.

For more information on declaring the business service, refer to Alert 613, which is available on SupportWeb.