Create a Promoted Event Commuter Module

There are no system tools to create and manage promoted events, so we use the System Editor to create, save and compile promoted event BASIC+ code, then copy the object code to the **SYSREPOSEVENTEXES** table.

To increase performance, OpenInsight caches the code in the **SYSREPOSEVENTEXES** table. If you change your promoted event code, you will need to log out of OpenInsight and log back in to pick up the changes. To avoid this, create a commuter module that simply calls another routine that performs the necessary processing.

Create a new stored procedure in the System Editor. Paste the following code:

```
compile function PE_GotFocus_Shell(CtrlEntId, CtrlClassId, PrevFocusID)
*
*   This function traps a promoted event and passes control to a stored procedure
*
declare function PE_GotFocus
val = PE_GotFocus(CtrlEntId, CtrlClassID, PrevFocusID)

return val
```

Save and compile the code as **PE_GotFocus_Shell.**