Email CDO Contracts

These contracts allow you to send email using the NewMail COM object, which is part of the Collaborative Data Objects (CDO) that are part of IIS 4.0 installation package. This can only be installed on Windows NT Server by installing the NT Server Options pack. This COM object has been registered as the EMailCDO SmartElement and can be found on the COM tab of the Drumbeat Element Library. See EmailCDO.doc for more information on this SmartElement.

These contracts enable you to program the NewMail COM object. This means you can create Drumbeat pages that allow users to send an email in a browser or automatically send a custom generated email in response to a user action.

Using IIS 4.0 to send Email

You might need to configure your IIS server to enable sending email through your IIS Web server. This requires the server administrator to register the DLL cdonts.dll in the system registry. To enable this service on your server enter the following command in the Windows command window:

Regsvr32 "C:\WINNT\system32\cdonts.dll"

This should successfully register this DLL on the server machine and enable using email on your IIS 4.0 Web server. For more information refer to the following article:

http://premium.microsoft.com/msdn/library/partbook/asp20/html/usingcdofornts.htm

There are a few requirements with regard to programming the NewMail COM object using this suite of contracts.

The user action that sends an email must be a form button (or an image with a submit contract applied). The action on the Form object in the basement must be the same page that the email button is on. If you want your user to end up at another page (like a thank you page) use the redirect contract property on the send mail contract.

The contract that actually sends the email ("Send [mail] when [source] is clicked") must be the last contract executed. You can view and change the order of contract execution by right clicking on the layout background and selecting "Assigned interactions (ordered)" and dragging and dropping the contracts to adjust their order.

The NewMail COM object will not work on PWS (Personal Web Server). This SmartElement may appear with a red status alert "Can Create: No, try reinstalling the control." This means the DLL is currently not installed on your development system. You can still author to this COM object but it will not work on that machine. As long as the COM object is registered on your final deployment machine you should be OK.