

Rules & Alerts – Developing an Alerts Web Service that Uses Outlook 2003 Alerts

Source: <http://www.tech-archive.net/Archive/Outlook/microsoft.public.outlook/2005-02/0155.html>

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Referring to document

http://msdn.microsoft.com/library/default.asp?url=/library/en-us/odc_ol2003_ta/html/odc_olalertswebservice.asp,

I

have tried to set up the sample code for a web service for an outlook alert.

I have had little success so far. The web service compiles correctly, but the code to send the alert email using CDO (see below) fails on "Send":

```
        MailMessage Message = new MailMessage();
        Message.To = emailAddr;
        Message.From =
ConfigurationSettings.AppSettings["senderEmailAddr"];
        Message.Subject = "You have successfully created an alert for "
+ URL + ".";
        Message.Headers.Add("X-AlertWebUrl",
ConfigurationSettings.AppSettings["alertweblink"]);
        Message.Headers.Add("X-AlertTitle",AlertTitle);
        string msgId = "<" + msgPrefix + (msgIdCounter++).ToString() +
"@microsoft.com>";
        Message.Headers.Add("message-id",msgId);

Message.Headers.Add("X-AlertId","{D32A01E6-8A46-41BF-8E0E-936F254ACA4A}");
        Message.Headers.Add("X-AlertServerType","Third Party");

Message.Headers.Add("X-AlertWebSoap",ConfigurationSettings.AppSettings["webs
erviceurl"]);

        Message.Body = "Hello, " + username + ".\n\n" + msgBody + URL +
".\n\n- RSS Sample
Web Service";
        try
        {
            SmtpMail.SmtpServer =
ConfigurationSettings.AppSettings["smtpserver"];
            SmtpMail.Send(Message);
        }
```

```
catch(System.Web.HttpException ehttp)
{
    return AddAlertErrorType.HttpException;
}
```

The error I get is "System.Runtime.InteropServices.COMException: Fields update failed. For further information, examine the Status property of individual field objects." It is specifically as a result of the Message-ID header because, if I comment out that line, the code works. Of course, without that line, the email is delivered, but no alert is created.

Any thoughts?