

Re: AND or OR condition?

Source: <http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.dts/2004-05/0170.html>

From: Allan Mitchell (allan_at_no-spam.sqldts.com)

Date: 05/05/04

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Fail package on first error does just that, it fails the package on the first error within. That is not a task.

To implement a logical OR page 2 should have helped

Multiple Paths in Workflow

(<http://www.sqldts.com/default.aspx?218.2>)

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Allan Mitchell MCSE,MCDBA, (Microsoft SQL Server MVP)
www.SQLDTS.com - The site for all your DTS needs.
I support PASS - the definitive, global community
for SQL Server professionals - <http://www.sqlpass.org>
" David N." <huongdat@comcast.net> wrote in message
news:u%23cn4TsMEHA.3016@tk2msftngp13.phx.gbl...
> Thanks Allan,
>
>
> The two articles answer my first question: the DTS package uses the
logical
> AND, which means that all requirements must be fulfilled in order for the
> step to be executed. This means that the code in #1 is correct.
>
> However, they did not answer the my second question, which is, how do I
> apply the logical OR? There is a package property "fail package on first
> error", but I am not so sure if checking that property checkbox would
> guarantee that the Error_Handling step is to be executed on the first
error
> or not.
>
> DQ
>
> "Allan Mitchell" <allan@no-spam.sqldts.com> wrote in message
> news:uTTMTSnMEHA.684@TK2MSFTNGP09.phx.gbl...
> > Have a look at this article
> >
> > Introduction to Workflow
> > (<http://www.sqldts.com/default.aspx?287>)
> >
> > Followed by
> >
> > Multiple Paths in Workflow
> > (<http://www.sqldts.com/default.aspx?218>)
> >

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> >
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> >
> >
> > " David N." <huongdat@comcast.net> wrote in message
> > news:%234Y$1GkMEHA.340@TK2MSFTNGP11.phx.gbl...
> > >
> > > Hi All,
> > >
> > > I see the following DTS definitions, and they confused me:
> > >
> > > 1. Step that is executed based on the success of previous STEPS
> > >
> > > <STEP Id="s999">
> > >
> > > <REQUIREMENT TYPE="SUCCESS" STEP="s4A"/>
> > >
> > > <REQUIREMENT TYPE="SUCCESS" STEP="s4B"/>
> > >
> > > <REQUIREMENT TYPE="SUCCESS" STEP="s4C"/>
> > >
> > > <REQUIREMENT TYPE="SUCCESS" STEP="s4C_A"/>
> > >
> > > <REQUIREMENT TYPE="SUCCESS" STEP="s4C_B"/>
> > >
> > > <SQLCMD Id="EndPackage" CONNECTION="DESTINATION" AsRowset="false">
> > >
> > > exec dbo.xxxxxx
> > >
> > > </SQLCMD>
> > >
> > > </STEP>
> > >
> > > 2. Step that is executed based on the failure of previous STEPS
> > >
> > > <STEP Id="ERROR_HANLIND">
> > >
> > > <REQUIREMENT TYPE="FAILURE" STEP="020 "/>
> > >
> > > <REQUIREMENT TYPE="FAILURE" STEP="s1"/>
> > >
> > > <REQUIREMENT TYPE="FAILURE" STEP="010"/>
> > >
> > > <SQLCMD Id="Error_Handling" CONNECTION="CONFIG" AsRowset="false">
> > >
> > > EXEC dbo.xxxxxx
> > >
> > > </SQLCMD>
> > >
> > > </STEP>
> > >
> > >
> > >
> > > In my thinking, the author who developed step s999 in #1 must be
> > > thinking
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> > > that it is the AND condition that implied to the requirement. He
wants
> > all
> > > of those previous steps to be success in order for the step s999 to be
> > > executed.
> > >
> > > In the contract, the author who developed step ERROR_HANLDING must be
> > > thinking that it is the OR condition that implied to the requirement.
> He
> > > wants the ERROR_HANDLING step to be executed if any one of the three
> steps
> > > in the requirement failed.
> > >
> > > My questions are:
> > >
> > > 1. Which step has the correct requirement?
> > > 2. If the AND is implied, how do I implement the OR?
> > > 3. Vise versa, if the OR is implied, how do I implement the AND?
> > >
> > > Thanks in advance...
> > >
> > > Best regards
> > >
> > > David.
> > >
> > >
> >
> >
>
>