

Re: If Statement to determine WHERE condition in SQL Query

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.mseq/2005-05/msg00012.html>

- *From:* "Anith Sen" <anith@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 12 May 2005 10:55:47 -0500
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In general, you'd use a CASE statement for such requirements, for instance:

```
SELECT Forename, Username, Description
FROM Audit
WHERE Date >= @Param_StartDate
AND Date < @Param_EndDate
AND UserID = CASE WHEN @Param_UserKey <> -1
THEN @Param_UserKey
ELSE UserID
END ;
```

If the column is nullable, you will have to use COALESCE or perhaps re-write it as:

```
...AND ( @Param_UserKey <> -1 AND UserID = @Param_UserKey )
OR ( @Param_UserKey <> -1 )
```

And there are several other approaches for such requirements, some of which are detailed at:

<http://www.sommarskog.se/dyn-search.html>

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Anith

• **References:**

◆ ***If Statement to determine WHERE condition in SQL Query***

◇ *From:* Rhonda Fischer

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