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Embarcadero RAD Studio



Notify Me of Everything Part 3 (Fix)...

By David | February 23, 2020

0 Comment

After writing my last [article](#) and publishing the updates to the [DGH IDE Notifier](#), I found a situation where one of the notifiers raised an access violation.

The notifier in question is the `IOtAEditorNotifier` and the method `ViewNotification`. I found that if I viewed the form design as text this method would be called with a `Nil` View parameter. Not sure why the IDE does that but I've added a guard to cater for this as shown below:

```
Procedure TDI NSourceEditorNotifier.ViewNotification(Const View: IOtAEditorView;
Operation: TOperation);
```

```
ResourceString
```

```
  strViewActivate = '.ViewActivate = View: $%p, Operation: %s';
```

```
Const
```

```
  strIOtAEditorNotifier = 'IOtAEditorNotifier';
```

```
Begin
```

```
  DoNotification(
```

```
    Format(
```

```
      strViewActivate,
```

```
      [
```

```
        Pointer(View),
```

```
        GetEnumName(TypeInfo(TOperation), Ord(Operation))
```

```
      ]
```

```
    )
```

```
  );
```

```
{ $IFDEF DXE100 }
```

```
  If Assigned(View) Then // New Guard
```

```
    Case Operation Of
```

```
// Only create a notifier if one has not already been created!
opInsert:
  If FEditViewNotifierIndex = -1 Then
    Begin
      FView := View;
      FEditViewNotifierIndex := View.AddNotifier(TDINotifier.Create(
        strINTAEditViewNotifier, FileName, diNEditViewNotifier
      ));
    End;
// opRemove Never gets called!
opRemove:
  If FEditViewNotifierIndex > -1 Then
    Begin
      View.RemoveNotifier(FEditViewNotifierIndex);
      FEditViewNotifierIndex := -1;
    End;
  End;
{$ENDIF DXE100}
End;
```

regards
Dave.

Category: Delphi IDE Notifications Open Tools API RAD Studio Tags: IOTAEditorNotifier