

# TEXT CONTROL

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## Clone objects in .NET and Text Control

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The following code snippet shows how to clone a TableCellFormat object:

```
TableCell tableCell = textControl1.Tables.GetItem().Cells.GetItem(1, 1);

TableCellFormat format = tableCell.CellFormat;
TableCellFormat newFormat = new TableCellFormat();

newFormat = (TableCellFormat)CloneObject((object)format, (object)newFormat);

textControl1.Tables.GetItem().Cells.GetItem().CellFormat = newFormat;

public object CloneObject(object SourceObject, object DestinationObject)
{
    Type type = SourceObject.GetType();

    PropertyInfo[] properties = type.GetProperties();

    foreach (PropertyInfo property in properties)
    {
        property.SetValue(DestinationObject, property.GetValue(SourceObject, null), null);
    }

    return DestinationObject;
}
```

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The following code snippet shows how to clone a ParagraphFormat object:

```
public object CloneObject(object SourceObject, object DestinationObject)
{
```

```

Type type = SourceObject.GetType();

PropertyInfo[] properties = type.GetProperties();

foreach (PropertyInfo property in properties)
{
    property.SetValue(DestinationObject, property.GetValue(SourceObject, null),
null);
}

return DestinationObject;
}

ParagraphFormat newFormat = new ParagraphFormat();

private void testToolStripMenuItem_Click(object sender, EventArgs e)
{
    ParagraphFormat pFormat =
textControl1.Paragraphs.GetItem(textControl1.Selection.Start).Format;
    newFormat = (ParagraphFormat)CloneObject((object)pFormat, (object)newFormat);
}

private void test2ToolStripMenuItem_Click(object sender, EventArgs e)
{
    textControl1.Paragraphs.GetItem(textControl1.Selection.Start).Format =
newFormat;
}

```