

The TPTTreeView and TPTListView components add **custom-draw** features and **improved menu** handling to TTreeView.

Use the controls on this page to change the look of individual items in the tree. Press 'Click Me' to switch to a multi-coloured preset and 'Reset' to remove all settings.

Custom Draw

You can change the **font**, **color** and **background color** of individual items by simply responding to an event and setting the **Font** and **Brush** objects passed in. eg.

```
procedure TForm1.OnTree1CustomDraw(  
  aSender: TObject;  
  aCD: TPTCustomDraw;  
  aNode: TTreeNode );  
begin  
  if ShouldThisNodeBeBold(aNode) then  
    aCD.Font.Style := [fsBold];  
end;
```

It's that easy!

Control and Item Menus

If you look at the behaviour of Windows Explorer popup menus, you see there is a distinction between menus **for items** and the menu **for the control** as a whole. The TPTTreeView and TPTListView controls allow you to easily handle this distinction. The normal PopupMenu property is used for the control and the starting point for items. In response to the OnNodeContextMenu or OnItemContextMenu event you can decide to use a different menu and change where the menu pops up, all on a **per-item basis**.

See the "List Control" page for a list view example of per-item and control based menus.

NOTE:

The custom-draw feature will only work if the common controls provided with **Internet Explorer 3 or later** are installed. If the new controls are not installed, custom draw will not work. The tree will still function correctly in other respects, the OnCustomDraw events will simply fail to be invoked. The menu features are not affected by this.

Also, the Internet Explorer custom controls don't allow items to have different heights. Display will be unpredictable if you select a font for an item with a height greater than that of the other items.