

How to change the drag cursor image when dragging in a TTreeView

QUESTION

When I start a drag and drop operation in a *TTreeView* the cursor changes into the image of the treenode dragged. How can I change this image?

There is a virtual protected method called *GetDragImages* in the *TCustomTreeView* class. You could override it and return your copy of the drag images list (*TDragImageList*), or just use an existing one, but make some changes to its default image. Below is an example of how you could solve it. It's a *TTreeView* descendant which provides custom drag images.

```
{ ... }
TMyTreeView = class(TTreeView)
protected
  function GetDragImages: TDragImageList; override;
end;
{ ... }

function TMyTreeView.GetDragImages: TDragImageList;
var
  XNode: TTreeNode;
  XImage: TBitmap;
begin
  Result := inherited GetDragImages;
  if Assigned(Result) and Assigned(Images) then
  begin
    XImage := TBitmap.Create;
    try
      Result.GetBitmap(0, XImage);
      Result.Clear;
      Result.Height := 100;
      Result.Width := 100;
      XImage.Height := Result.Height;
      XImage.Width := Result.Width;
      XImage.Canvas.Brush.Color := clRed;
      XImage.Canvas.FillRect(Rect(0, 0, 100, 100));
      XNode := Selected;
      if Assigned(XNode) then
        XImage.Canvas.TextOut(40, 40, XNode.Text);
      Result.Add(XImage, nil);
    finally
      XImage.Free;
    end;
  end;
end;
```

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