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"viewForTableColumn" vs "objectValueForTableColumn"



"viewForTableColumn" I can have the button from IB "NSTextFielCell". I do not understand why these two method does not work in the same way? In the same order of idea, I can programm the "return" key with "NSTextFielCell" but not with "NSTableColumn".

With xCode 9, in a NSTableView, when I use "objectValueForTableColumn" I must have

columns with a "NSTableColumn" to see my data. On the other hand, when I use

In the end, in my program, I add columns according to the number of fields which I want to handle. That works with "NSTableColumn" but I cannot use the return key. And with

"NSTextFielCell" I can use the return key but I cannot show my data in the added columns. The function "NSTableCellView *cellView = [tableView makeViewWithIdentifier:tableColumn.identifier owner:self];" gives me an "nil" cell.

The old way uses subclasses of NSCell (like NSTextFieldCell), called a "NSCell-based table

view". The new way uses NSTableCellView, called a "view-based table view". You should always

Asked 3 years ago by ggBuguet 🗓

Answer this Question

All NSTableViews use NSTableColumn for their columns.

I think that I make something bad but what?

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Somebody would have an idea?

AppKit

— There are *two* ways of showing content in a table column:

Answers

use a view-based table view, and never the old way. (The old way is supported so that existing code doesn't stop working.)

}

NSTableCellView *cellView = [tableView makeViewWithIdentifier:tableColumn.identifier owner:self];

With "viewForTableColumn" only the first two columns, created with IB, are filled. The others

- (NSView *)tableView:(NSTableView *)tableView viewForTableColumn:(NSTableColumn

cellView.textField.stringValue = str; }

if (col < [array count])

if (col < [array count])</pre>

}

exist but are empty:

*)tableColumn row:(NSInteger)row

NSString *str = [array objectAtIndex:col];

NSLog(@"col: %ld - texte: %@", col, str);

which I shall need.

'tableView:objectValueForTableColumn'.

Thank you very much.

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I am going to follow your recommendation but I do not understand why it works very well with

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Documentation

— In a view-based table view, you can still use "objectValueForTableColumn", but you don't have to. Your table cells (NSTableCellView) has an "objectValue" property, that must be made to refer to an object that supplies data to the controls inside the table cell (buttons, text fields, etc). There are *three* ways of doing that: 1. In your "viewForTableColumn" method, after you create the cell, you can simply set the property: NSTableCellView *cellView = [tableView makeViewWithIdentifier:tableColumn.identifier owner:self]; cellView.objectValue = ... 2. In your data source, you can implement "objectValueForTableColumn", and return the desired objectValue. 3. You can use bindings. Using #1 is probably the easiest way of doing this. >> The function "NSTableCellView *cellView = [tableView makeViewWithIdentifier:tableColumn.identifier owner:self];" gives me an "nil" cell. It's hard to say what might be wrong. The most likely reason is that your table column identifier does match the cell identifier in your prototype cell. If you're creating your own table columns, you must set their identifier to match the table cell(s) you are going to use in that column. Posted 3 years ago by QuinceyMorris 🗓 Add a Comment Thank you very much for your reply. I can supply you more explanation. In my "NSTableView" I want to show the components of the path of a file (5 or 6 components (fields)). In IB I create two columns. I create the others by program: nbcMax = 6;for (NSInteger col = [[tableView tableColumns] count]; col < nbcMax; col++) { NSTableColumn *tc = [[NSTableColumn alloc] initWithIdentifier:[NSString stringWithFormat:@"tc%ld", col]]; [[tc headerCell] setStringValue:[NSString stringWithFormat:@"%ld", col]]; [tableView addTableColumn:tc];

Add a Comment You can't do that. A table view is *completely* view-based or *completely* NSCell-based, and cannot be a mixture of the two. If you implement the "tableView:viewForTableColumn:row:" delegate method, the table view is view-based.

which I shall need.

NSArray *array = list[row]; NSInteger col = [[tableView tableColumns] indexOfObject:tableColumn];

return cellView;

If I create all columns (6) in IB, it works very well but I do not know the number of columns

>> If I create all columns (6) in IB, it works very well but I do not know the number of columns

Create a table with 6 columns, then programmatically remove the columns you don't need. This

If you have an idea ... Thanks in advance.

is much easier than creating a table with 2 columns and adding more. Posted 3 years ago by QuinceyMorris 🗅

Posted 3 years ago by ggBuguet 🗓

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