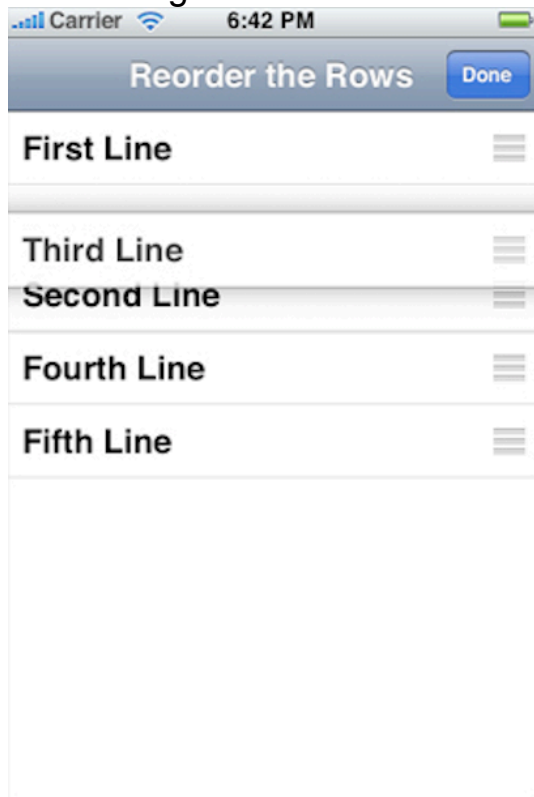


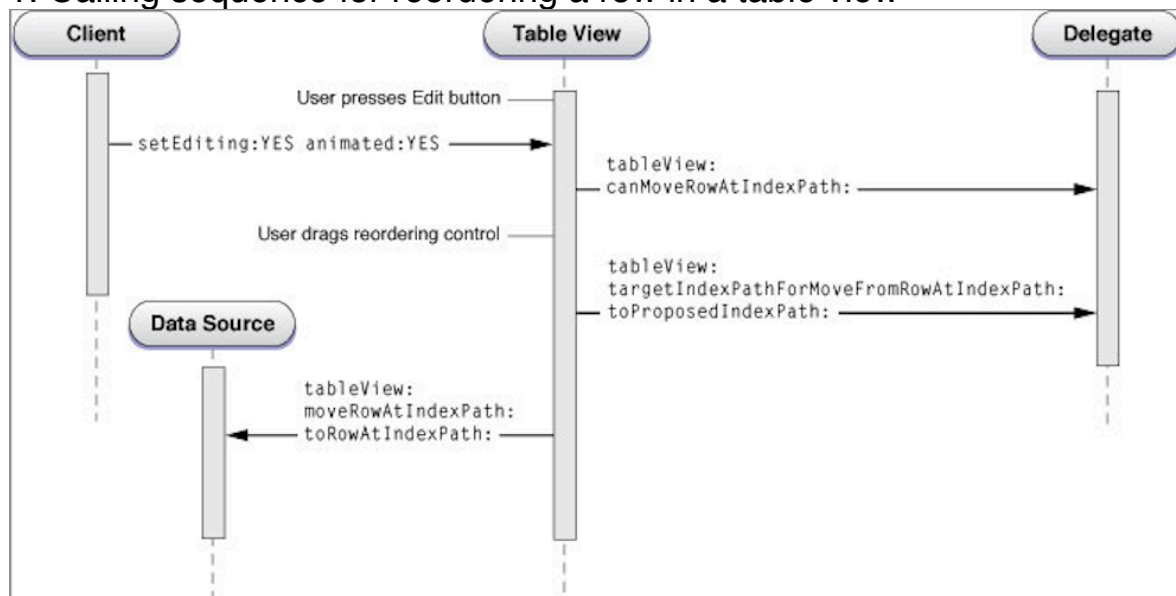
# Managing the Reordering of Rows

## Reordering a row



## What Happens When a Row is Relocated

### 1. Calling sequence for reordering a row in a table view



## Examples of Moving a Row

### 1. Excluding a row from relocation

- (BOOL)tableView:(UITableView \*)tableView canMoveRowAtIndexPath:

```

(NSIndexPath *)indexPath {
    if (indexPath.row == 0) // Don't move the first row
        return NO;

    return YES;
}

```

## 2. Updating the data-model array for the relocated row

```

- (void)tableView:(UITableView *)tableView moveRowAtIndexPath:
(NSIndexPath *)sourceIndexPath toIndexPath:(NSIndexPath
*)destinationIndexPath {
    NSString *stringToMove = [self.reorderingRows
objectAtIndex:sourceIndexPath.row];
    [self.reorderingRows removeObjectAtIndex:sourceIndexPath.row];
    [self.reorderingRows insertObject:stringToMove
atIndex:destinationIndexPath.row];
}

```

## 3. Retargeting the destination row of a move operation

```

- (NSIndexPath *)tableView:(UITableView *)tableView
targetIndexPathForMoveFromRowAtIndexPath:(NSIndexPath
*)sourceIndexPath
toProposedIndexPath:(NSIndexPath
*)proposedDestinationIndexPath {
    NSDictionary *section = [data
objectAtIndex:sourceIndexPath.section];
    NSUInteger sectionCount = [[section valueForKey:@"content"] count];
    if (sourceIndexPath.section != proposedDestinationIndexPath.section)
    {
        NSUInteger rowInSourceSection =
            (sourceIndexPath.section >
proposedDestinationIndexPath.section) ?
                0 : sectionCount - 1;
        return [NSIndexPath indexPathForRow:rowInSourceSection
inSection:sourceIndexPath.section];
    } else if (proposedDestinationIndexPath.row >= sectionCount) {
        return [NSIndexPath indexPathForRow:sectionCount - 1
inSection:sourceIndexPath.section];
    }
    // Allow the proposed destination.
    return proposedDestinationIndexPath;
}

```

}

