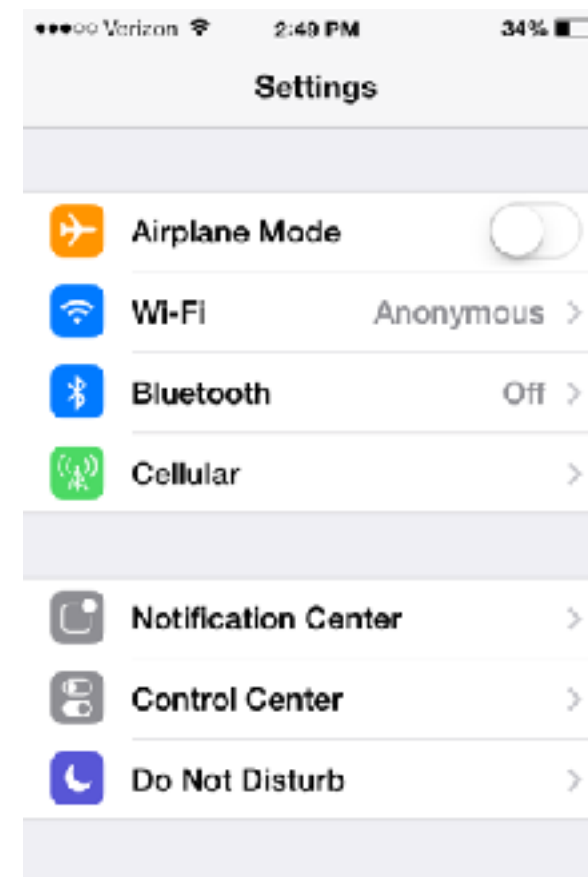


UITableViewController

UITableViewController

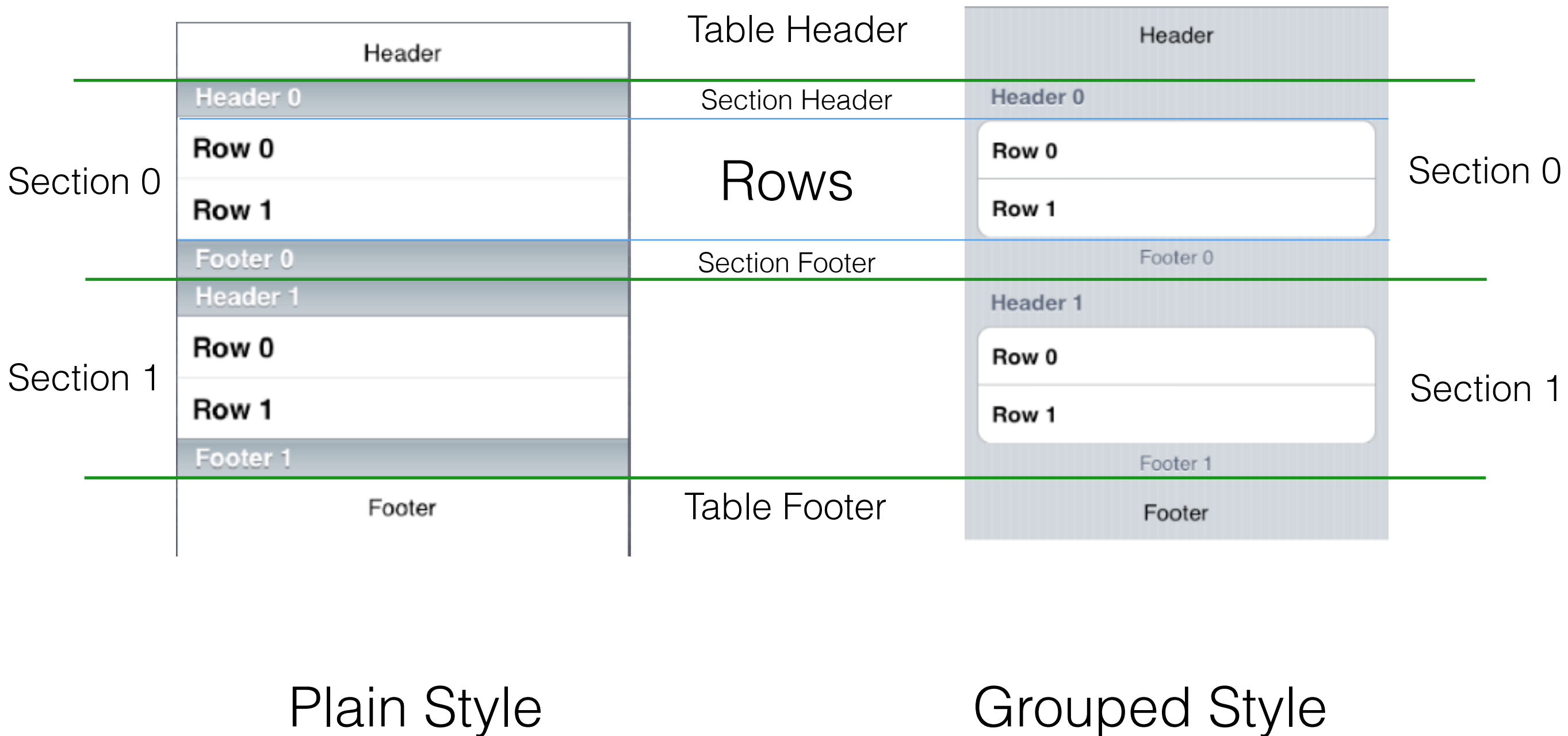
- One of the most useful VCs
- Show data in table
- Super efficient



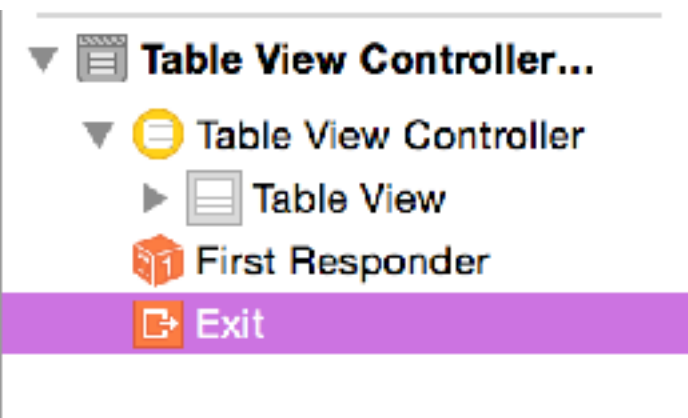
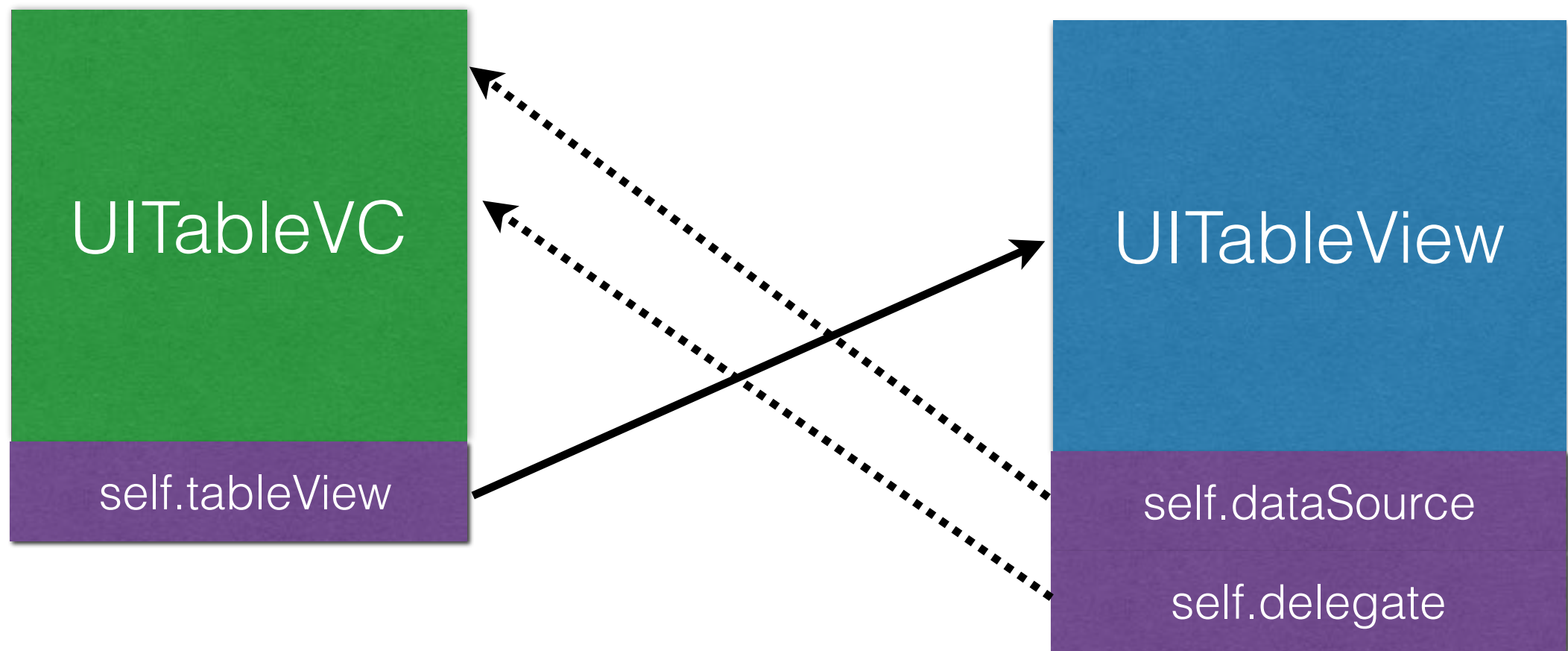
Agenda

- UITableView, UITableViewController
- Custom Table Cells

UITableView



UITableView



UITableViewCell

- View for single row
- Default styles (*Basic, Subtitle, Right Detail, Left Detail*)



- Default properties for text and image
 - * var.textLabel: UILabel?
 - * var.detailTextLabel: UILabel?
 - * var.imageView: UIImageView?

IndexPath

- collection of indexes
- in case of UITableView - row & section

UITableViewDataSource

```
public func tableView(_ tableView: UITableView, numberOfRowsInSection section: Int) -> Int

public func tableView(_ tableView: UITableView, cellForRowAt indexPath: IndexPath) ->
UITableViewCell {
    let cell = tableView.dequeueReusableCellWithIdentifier("reuseIdentifier", forIndexPath:
indexPath) as! UITableViewCell

    // configure the cell
    // ...

    return cell
}
```

for minimum table view - 1 section, no headers, no footers

DataSource

- Imagine that we have **10 thousands** items to show and only **10 of them** are visible at the same time



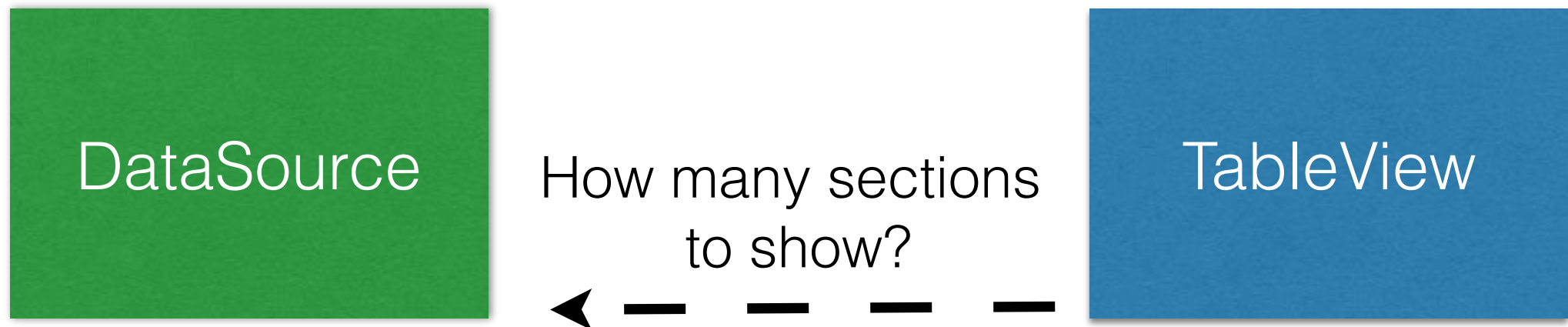
DataSource



TableView

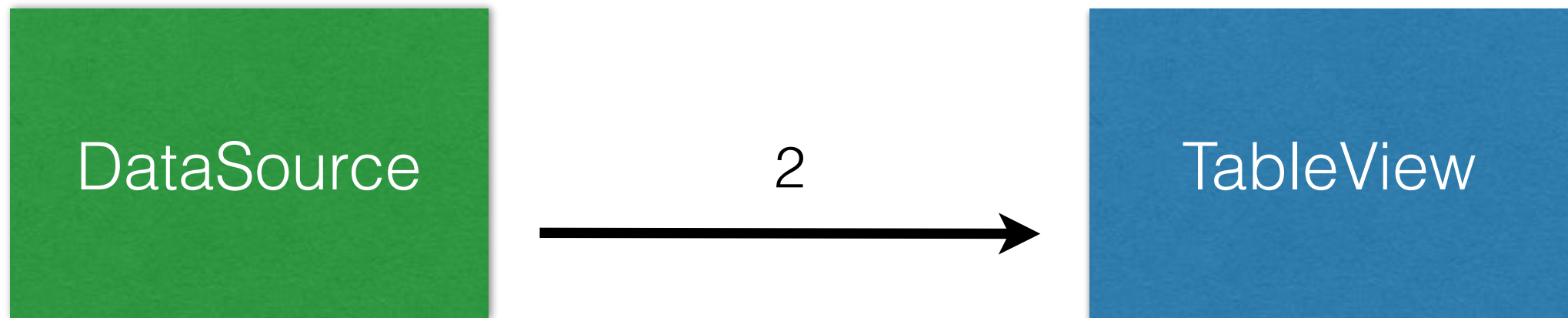
DataSource

- Imagine that we have **10 thousands** items to show and only **10 of them** are visible at the same time



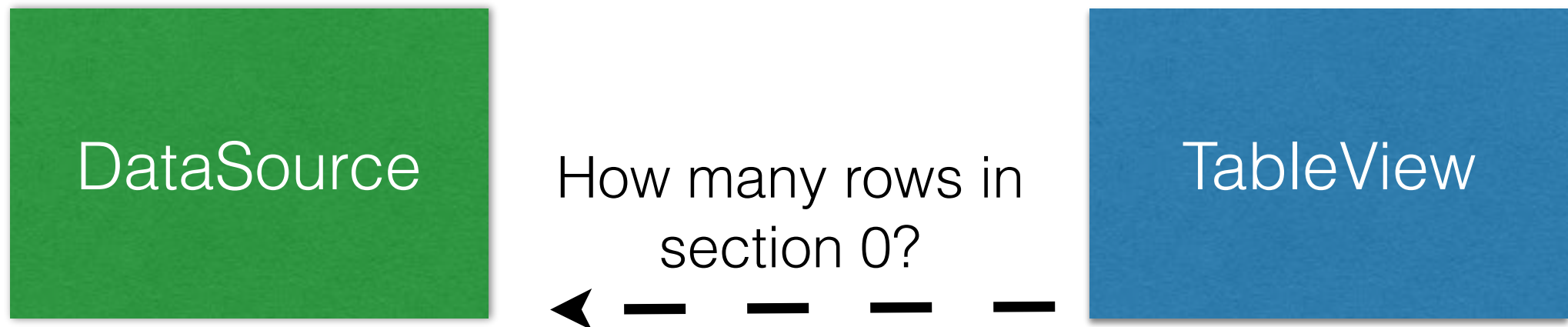
DataSourcing

- Imagine that we have **10 thousands** items to show and only **10 of them** are visible at the same time



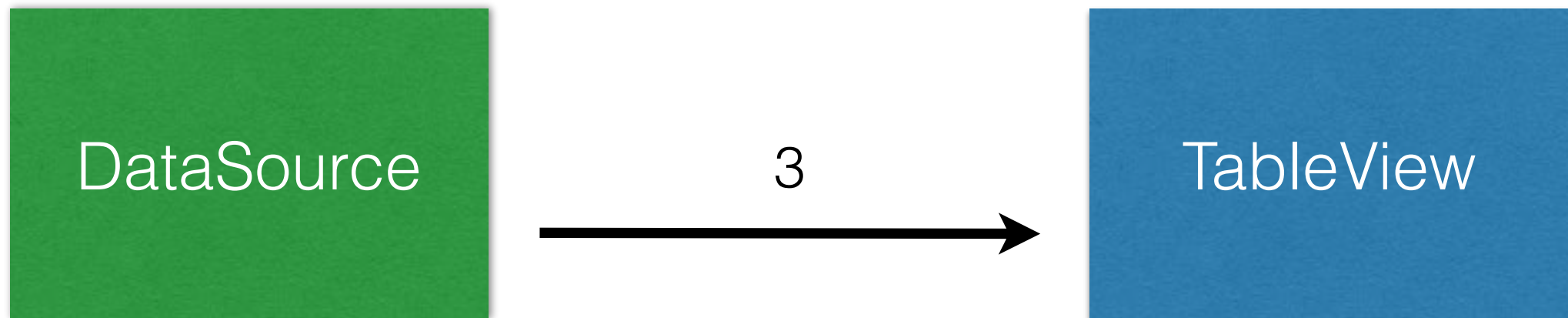
DataSourcing

- Imagine that we have **10 thousands** items to show and only **10 of them** are visible at the same time



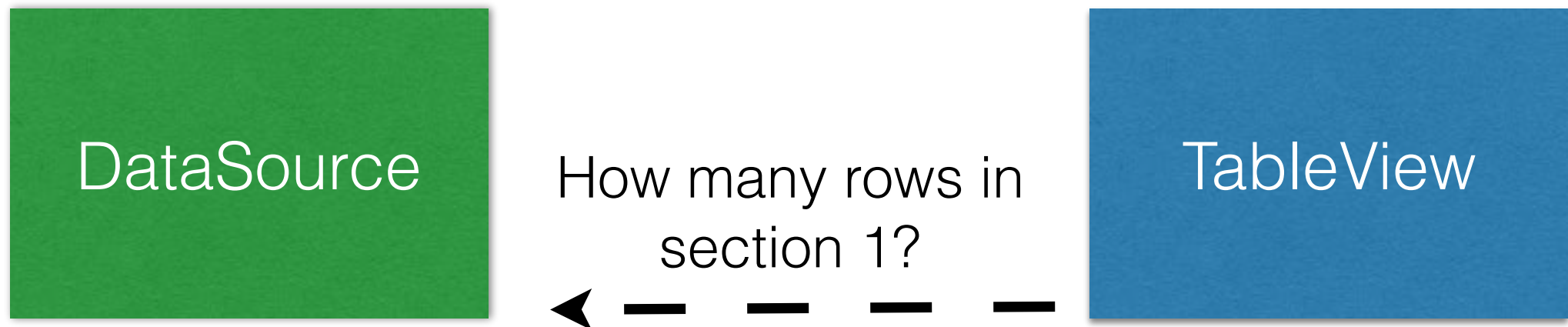
DataSourcing

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DataSourcing

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DataSourcing

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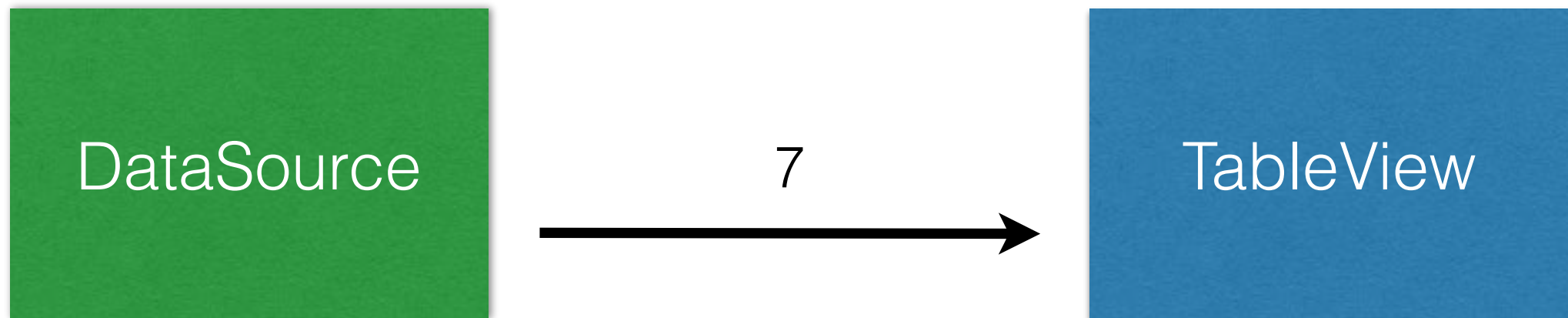
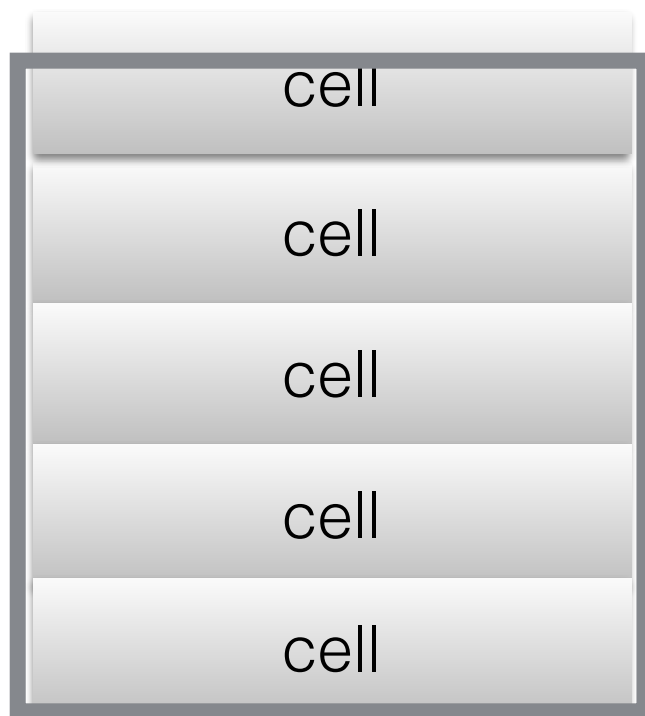


Table Cell Reusing



UITableView Scrolling

Table Cell Reusing

