

## javax.swing.table.DefaultTableCellRenderer

## **JeksCellRenderer**

- syntax : JeksExpressionSyntax
- interpreter : Interpreter

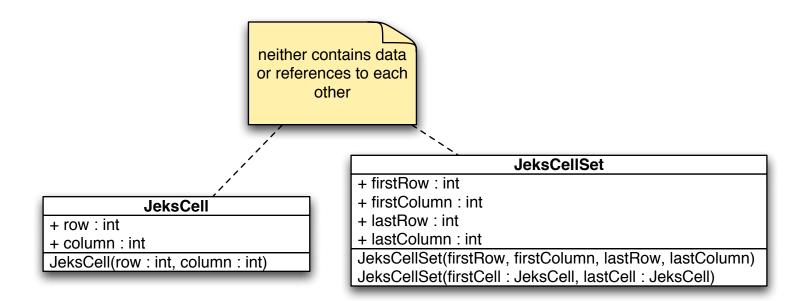
JeksCellRenderer(s: JeksExpressionSyntax, i: Interpreter)

- + getExpressionValue(e : JeksExpression)
  - // return expression.getValue(interpreter)
  - // or default value
  - // or error string
- + getTableCellRendererComponent

(t: JTable, value: Object, isSelected: boolean,

hasFocus: boolean, row: int, column: int)

: java.awt.Component



<<interface>>
Function

+ computeFunction(i : Interpreter, parameterValues : Object[])

: Object

+ getName() : String

+ isValidParameterCount(count : int) : boolean

tree == node? wtf?

## CompiledFunction

CompiledFunction(definition: String, name: String,

parameters : String[], expressionTree : ExpressionNode)

+ computeFunction(parameterValues : double[]) : double

+ getDefinition(): String

+ getExpressionTree() : ExpressionNode

+ getParameterCount() : int + getParameters() : String[]



<<interface>>
ParameterizedNode

## **FunctionNode**

FunctionNode(f: Function, recursiveCall: boolean)

+ addParameter(parameter : ExpressionNode)

+ computeExpression(parameterValues : double[]) : double

+ computeExpression(i : Interpreter, parameterValues : Object[]) : Object

+ getFunction() : Function

+ getParameter(index : int) : ExpressionNode

+ getParameterCount(): int

+ isRecursiveCall(): boolean