

# BlockComponent

- \_parentBlock: Block
- \_name:String
- + getName() : String + getColor(): String + getCompType(): String
- + save(): any
- + load(data: any, parentblock: Block): BlockComponent

## EnclosureComponent

- m\_firstBlock : Block | null
- + getFirstBlock() : Block | null
- + setFirstBlock(block : Block | null)
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

### ConnectComponent

- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

## CommentComponent

- \_block : Block | null
- + setBlock(block: Block) + getBlock(): Block | null
- + getValue():string
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

## AttachComponent

- next: Block | null
- + setNext(nextblock : Block | null): void
- + getNext() : Block | null
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

### StartComponent

- + \_validator: (string) => boolean
- + match(info: string): boolean
- + setValidator(f: (string) => boolean)
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

# LabelComponent

- m\_text : String
- + setText(text : String)
- + getText() : String
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

# InputComponent

- \_defaultblock: Block | null - \_block : Block | Null
- \_block . block | Null
- \_type: string
- + getCompType() : string
- + setBlock(block: Block | null)
- typeToDutch(type: string): string
- cast(val: any): any | null
- + getBlock() : Block | null
- + getValue(): T | undefined
- + setDefault(block: Block)
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

### ChoiceComponent

- index : number
- \_options: string
- + setValue(index: number)
- + selectedIndex(): number
- + addOption(options: string)
- + getValue() : string
- + getOptions() : string[]
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

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## ReturnComponent

- \_value : T - \_type: T
- + getValue() : T
- + setValue(value : T)
- + getCompType() : string
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

## ButtonComponent

- function: Function
- text: string
- + getFunction(): Function
- + setFunction(func: Function)
- + getText(): string
- + setText(text: string)
- + executeFunction()
- + save(): any
- + load(data: any, parentblock: Block):

ButtonComponent

#### APIEnclosureComponent

- m\_firstBlock : Block | null
- + getFirstBlock() : Block | null
- + setFirstBlock(block : Block | null)
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

### APIAttachComponent

- next: Block | null
- + setNext(nextblock : Block | null): void
- + getNext() : Block | null
- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

## BreakComponent

- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

# APIConnectComponent

- + save(): any
- + load(data: any, parentblock: Block):

BlockComponent

### ErrorComponent

- errorlist: [string, string, Function, any[]][]
- \_timerlist: boolean[]
- + getFirstError() : [...]
- + addError(error: [...])
- + deleteError(error: [...])
- + deleteAllErrors()
- + getErrorList(): [...] [ ]
- + errorCount(): number
- + addTimesList(): number
- + getTimerBool(index: number): boolean
- + setTimesBool(index:number, value:

# boolean)

- + save(): any
- + load(data: any, parentblock: Block):

ErrorComponent











