# React.jsでのコード

## ライフサイクルメソッド・イベントハンドラ

```
65    componentDidMount() {
66        document.body.addEventListener( type: 'click', this.handleBodyClick,  useCapture: false)
67
68        this.input.addEventListener( type: 'click', this.handleInputClick,  useCapture: false)
69    }
70
71    componentWillUnmount() {
72        document.body.removeEventListener( type: 'click', this.handleBodyClick)
73
74        this.input.removeEventListener( type: 'click', this.handleInputClick)
75    }
76
77    handleBodyClick = () => {
78        this.setState( state: { historyVisibility: false })
79    }
80
81    handleInputClick = (e: Event) => {
82        e.stopPropagation()
83    }
84
85    handleInputChange = (e: ChangeEvent<HTMLInputElement>) => {
86        this.setState( state: { query: e.target.value })
87    }
88
89    handleInputFocus = (e: FocusEvent<HTMLInputElement>) => {
90        this.setState( state: {
91            queryOnFocus: (e.target as HTMLInputElement).value,
92            historyVisibility: (this.props.history.length > 0),
93        })
94    }
95
96    handleInputBlur = () => {
97        this.props.onChange(this.input.value)
98
99        this.setState( state: {
100           query: this.input.value,
101           queryOnBlur: this.input.value,
102           historyVisibility: false,
103       })
104   }
```

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レンダー関数 (マークアップ)

```
145  render() {
146    return (
147      <div className="query-input">
148        <div className="text-input">
149          <input placeholder="スペース区切りで複数入力可能"
150                 value={this.state.query}
151                 onChange={this.handleInputChange}
152                 onFocus={this.handleInputFocus}
153                 onBlur={this.handleInputBlur}
154                 onKeyUp={this.handleInputKeyUp}
155                 ref={(input: HTMLInputElement) => this.input = input} />
156          <button className="query-input--remove" tabIndex={-1} onClick={this.props.onRemove}>
157            <i className="fa fa-times"/>
158          </button>
159          <HistoryList visible={this.state.historyVisibility}
160                       history={Array(...this.props.history).reverse()}
161                       selecting={this.state.historyCursor}
162                       boxRef={this.boxRef}
163                       handleSelect={this.handleSelect} />
164        </div>
165      </div>
166    )
167  }
```