



# Components

Most custom React components are here

## ZoomComponent

Component that enables zooming on it's contents, press and hold to zoom in.

It uses the [use-long-press](#) hook to handle this action.

You can enable/disable and change the activation time on the [GlobalConfigContext](#) context.

### Props

#### React

```
{
  scaleOrigin = "top",
  className = "",
  children,
}
```

- `scaleOrigin` : What is the origin point (which direction does it grows).
- `className` : ClassName of the component.
- `children` : Children props, Don't worry about it.

### Usage example

#### React

```
import ZoomComponent from "../zoomComponent/zoomComponent";
import ExperimentsInspector from "../experimentsInspector/experimentsInspector";

export default function exampleComponent(){
  return(
    <ZoomComponent
      className={styleModule.experiments_inspector}
      scaleOrigin="bottom left"
    >
      <ExperimentsInspector />
    </ZoomComponent>
  );
}
```

# ExperimentInspector

This component makes use of the [SelectedObjectsContext](#).

The experiment inspector component holds the following children:

- `ColorPicker`: Color picker component for choosing the color of the active experiment.
- `ExperimentButton`: Buttons that make the list of selected experiments.
- `ExperimentDescription`: Component that parses the description of the active material.

## Props

none

## Usage example

### React

```
import { eel } from './App';
import ExperimentInspector from './experimentsInspector/experimentsInspector';

export default function exampleComponent(){

  const getMaterialList = async () => {
    try {
      const materialList = JSON.parse(await eel.get_material_list());
      return materialList;
    } catch (error) {
      return [];
    }
  };

  return(
    <SelectedObjectsContext.Provider>
      <ExperimentInspector />
    </SelectedObjectsContext.Provider>

  );
}
```

# MaterialSelector

The `MaterialSelector` component holds the following children:

- `MaterialSelectorButton` : Buttons that make the list of available experiments.
- `DropDownButton` : Buttons that make a dropdown, so the user can choose which experiment they want to inspect.

It can be wrapped with the `ZoomComponent` to allow zooming.

## Props

### React

```
{  
  materialList // List of available materials, fetched from the backend  
}
```

## Usage example

### React

```
import { eel } from './App';  
import MaterialSelector from './materialSelector/materialSelector';  
  
export default function exampleComponent(){  
  
  const getMaterialList = async () => {  
    try {  
      const materialList = JSON.parse(await eel.get_material_list());  
      return materialList;  
    } catch (error) {  
      return [];  
    }  
  };  
  
  return(  
    <MaterialSelector materialList={getMaterialList} />  
  );  
}
```