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 rook to handle this action.

You can enable/disable and change the activation time on the `GlobalConfigContext` context.

Props

```jsx
{
  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

```jsx
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

JSX

```jsx
import { eel } from "./App";
import ExperimentsInspector 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>
      <ExperimentsInspector />
    </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

JSX

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

Usage example

JSX

```jsx
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} />
  );
}
```