

The image shows a VS Code editor window with a file named `build-graph.js` open. The code is a JavaScript function that builds a dependency graph. It uses `for...of` loops to iterate over modules and their dependencies, creating a graph structure with nodes and edges. The graph is then converted to a JSON string and logged to the console.

```
JS build-graph.js > <function>
188 (async () => {
232   for (const m of missing) {
233     console.error(` - ${m.id} at ${m.path}`);
234   }
235 }
236
237
238 const graph = {
239   generatedAt: new Date().toISOString(),
240   nodeModulesRoot: nodeRoot,
241   nodes,
242   edges
243 };
244
245 console.log(JSON.stringify(graph, null, 2));
246 })();
247
```

The terminal output shows the JSON representation of the graph, which includes nodes and edges. The nodes are represented as objects with `from`, `to`, and `depName` properties. The edges are represented as objects with `from`, `to`, and `depName` properties.

```
{
  "from": "side-channel@1.1.0",
  "to": "object-inspect@1.13.4",
  "depName": "object-inspect"
},
{
  "from": "side-channel@1.1.0",
  "to": "side-channel-list@1.0.0",
  "depName": "side-channel-list"
},
{
  "from": "side-channel@1.1.0",
  "to": "side-channel-map@1.0.1",
  "depName": "side-channel-map"
},
{
  "from": "side-channel@1.1.0",
  "to": "side-channel-weakmap@1.0.2",
  "depName": "side-channel-weakmap"
},
}
```

Github- <https://github.com/Akshat-280205/Practical-9-NODE-JS.git>