

# Package: trigd (via r-universe)

May 19, 2026

**Title** Three-Layer Graphics Device

**Version** 0.0.1

**Description** A graphics device that records R plotting operations and streams them as JSON over a Unix domain socket to an external renderer. The device acts as a pure recorder with no rendering dependencies -- all rendering occurs in the client (e.g. a browser or any NDJSON-capable frontend).

**License** MIT + file LICENSE

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.3

**NeedsCompilation** yes

**SystemRequirements** POSIX sockets (macOS, Linux) or TCP sockets (Windows)

**URL** <https://github.com/eitsupi/trigd>

**BugReports** <https://github.com/eitsupi/trigd/issues>

**Repository** <https://eitsupi.r-universe.dev>

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**RemoteUrl** <https://github.com/eitsupi/trigd>

**RemoteRef** HEAD

**RemoteSha** 6dfbcf85f6f186b7f0e32f403e0a4b9836b879a8

**RemoteSubdir** r-pkg

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`trigd`*JSON Graphics Device*

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**Description**

Opens a graphics device that streams plot operations as JSON to an external renderer (e.g. a browser client) over a Unix domain socket.

**Usage**

```
trigd(width = 8, height = 6, dpi = 96)
```

**Arguments**

<code>width</code>	Device width in inches (default 8).
<code>height</code>	Device height in inches (default 6).
<code>dpi</code>	Resolution in dots per inch (default 96).

**Value**

Invisible NULL. The device is opened as a side effect.

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