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TDM, an EPICS display manager based on web technologies

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In this talk, we introduce TDM, a cross-platform display manager for EPICS. It is developed using a combination of several web technologies, including Node, TypeScript, Electron.js, React.js, and WebSocket. This software can be used on Linux, MacOS, Windows, and via web browser. It adopts the server-client model in Electron.js. The server is for Channel Access data acquisition and windows management, the client is for post-processing and displaying the data. Each window runs on an individual thread, which fully utilize the CPU resource.

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