

Applied Dynamics Plans Summer 2018 Public Release for Open Source rtxd Project

January 30, 2018. Ann Arbor, Michigan.

Applied Dynamics (ADI) today announced plans to publicly release the open source rtxd project in July of 2018 under the MIT License. The MIT License has been chosen for this project specifically to encourage reuse and collaboration. Further details of the release will be provided as the date approaches.

About the rtxd Project

The rtxd project is a Linux service which runs on ARM- and Intel-based computers and transforms them into fully functioning real-time computers that are internally instrumented with performance, latency, jitter, and other precision time-based measurements for all aspects of the computer architecture. The rtxd server simplifies routine tasks of integrating, controlling, monitoring and verifying real-time control and data handling applications, allowing a user to focus on developing application algorithms without worrying about many of the common challenges that demanding real-time applications face. By leveraging ADI's lessons learned and best practices from decades of real-time asset development, deployment and verification, users will be able to greatly reduce development and debugging time while acquiring the data to assure reliable real-time performance for critical applications. <https://rtxd.org>

About the MIT License

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About Applied Dynamics

Applied Dynamics helps companies make better use of modeling assets through all stages of product development, verification testing, demonstration, training, and maintenance. Applied Dynamics flagship product, the ADvantage Framework, is a real-time, industrial Internet of Things (IoT) model based systems engineering software platform providing an agile, feature-rich environment for supporting the product development lifecycle through development, integration, verification, and certification. ADvantage embraces an open architecture and allows its users to leverage best-in-class COTS components and open source technologies. The ADvantage user base includes more than 50% of the Fortune 500 A&D companies and extends into marine, power systems, oil & gas, and the automotive industry. <https://adi.com/>

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