

Browser interface showing the address bar with the URL m-labs.nk/experiment-control/artiq/. The browser includes a search bar, navigation buttons, and a bookmarks bar with various links like Wikipedia, Google Maps, and Advanced Patent...



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ARTIQ (Advanced Real-Time Infrastructure for Quantum physics) is a leading-edge control system for quantum information experiments. It was initiated and developed in partnership with the [Ion Storage Group](#) at NIST, and is now used and supported by a growing number of research institutions worldwide. While ARTIQ is currently mostly used by atomic physics groups, its applicability reaches beyond ion trapping.