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EPICS IOC Extension Points: Old, Recent, and Proposed

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The EPICS Input/Output Controller (IOC) has always been extensible, enabling applications to add functionality without modifying the core software. Since the early EPICS 3.14 releases in 2002 the Core Developers have introduced ten new extension mechanisms that IOC application developers can use in individual IOCs or shared support modules. This paper reviews the plugin interfaces available in EPICS 7.0.9 and suggests a couple of areas where new extension points could be added in the future.

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