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Standardising the Creation of PVAServers at ISIS

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A number of ISIS systems use communication protocols for which there are no existing IOCs. Instead, Python-based PVAccess servers have been chosen for rapid development to host associated PVs and control. However, the flexibility of p4p and EPICS means that code implementation of these servers may vary significantly between groups. This presentation will discuss how ISIS accelerator controls is standardising this design using a wrapper around the p4p library. In addition to discussing the methodology used to implement the Normative Type specification, we will also discuss roadblocks and lessons learned so far, as well as outlining future development plans.

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