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Title: Crafting an FTP Hook for Fishing in MarFS

Abstract:

As the need for an integrated and optimized workflow between user file systems and the MarFS file system (i.e Campaign) grows, the infrastructure of how users can read and write data from storage must become more flexible. This requires a daemon that can read and write a MarFS file system as well as other Posix file systems. The goal of this work is to research, configure, and eventually incorporate an FTP-based data transfer tool that would seamlessly read and write the sea of data that flows between various user file systems and MarFS systems, like Campaign.