

Trends and Challenges in Open Source Software (Presentation Video)

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ABSTRACT

Over the past decade, the field of medical image analysis research has undergone a rapid evolution. It was a collection of disconnected efforts that were burdened by mundane coding and file I/O tasks. It is now a collaborative community that has embraced open-source software as a shared foundation, reducing mundane coding and I/O burdens, promoting replicable research, and accelerating the pace of research and product development. This talk will review the history and current state of open-source software in medical image analysis research, will discuss the role of intellectual property in research, and will present emerging trends and technologies relevant to the growing importance of open-source software.

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