

Building efficient programming teams using Rstudio with Git in pharmaceutical industry

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GLOBAL PRODUCT DEVELOPMENT

What is this paper NOT about:

- Which is better – SAS or R?
- Open source vs. Closed source
- Endorsing any specific hosting services or tools

What is this paper about:

- Being efficient
 - Directory structure, reusable codes, being clean and tidy
- Better communication
 - Avoid email – use team tools (e.g. Slack, MS teams, even git)
- Global teams
 - Geographically dispersed with different timezones
 - 2-3 different work shifts with possible 24 hours coverage
- Programming in pharmaceutical
 - Keeping up with SOPs
 - Pragmatic while keeping **HIGH QUALITY**
 - Documentations

Quality Control (QC)

- Independent Peer Review (IPR)
- Double Programming (DP)
- Any other creative ways?

Thank you!

