

JD+ on Github

ESTP Training



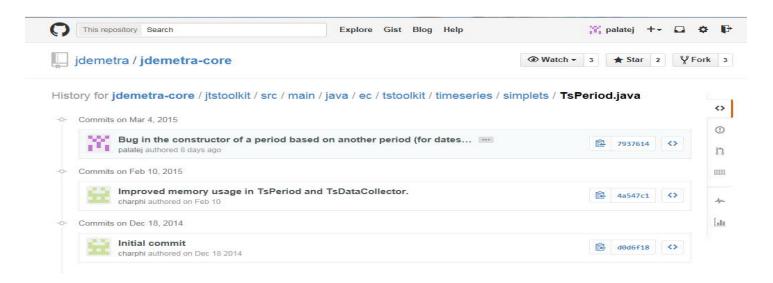
https://github.com/jdemetra/

GitHub specifics

- git web-based hosting
- « Social coding »
- Issue tracking
- Pull request
- Wi ki

git web-based hosting

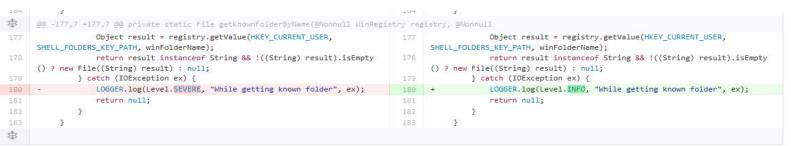
• Git is a <u>distributed revision control</u> system with an emphasis on speed, data integrity, and support for distributed, non-linear workflows. [Wikipedia]



« Social coding »

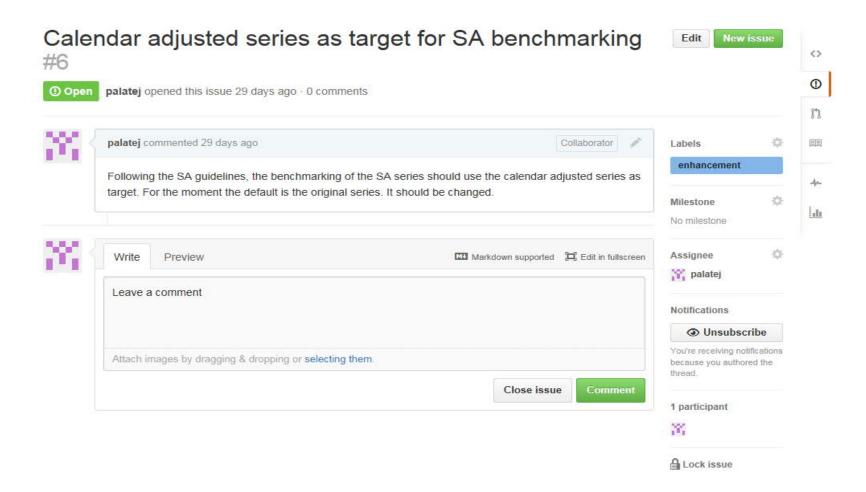
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Issue tracking

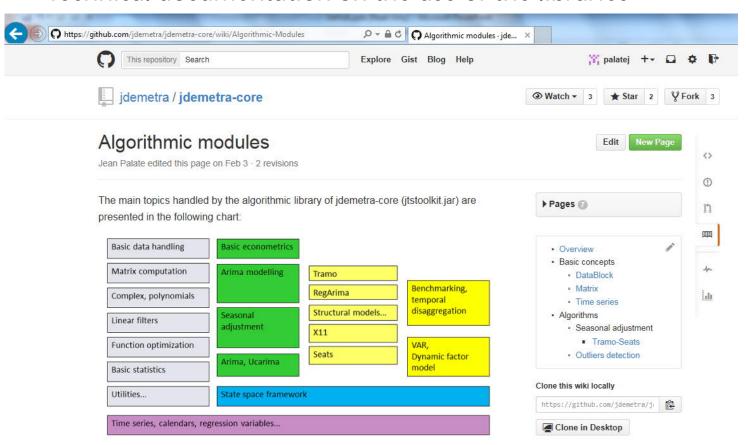


Pull request

- Main steps
 - Create the feature in a dedicated branch in a local repository
 - Push the branch to a public repository (on Github)
 - Create a pull request (on Github)
 - Review of the code, discussions, modifications bu the other developers
 - The project maintainer merges the feature into the official repository and closes the pull request.
- Remarks:
 - "Social control" (everything is public)
 - Final decision belongs to the owner of the project

Wiki

Technical documentation on the use of the libraries



JDemetra3+ resources on Github

- Core libraries (GUI/Cruncher)
 - https://github.com/jdemetra/jdplus-main
- Rjdemetra
 - https://github.com/rjdemetra
 - https://github.com/rjdemetra/rjd3toolkit
 - https://github.com/rjdemetra/rjd3tramoseats
 - https://github.com/rjdemetra/rjd3x13
 - https://github.com/rjdemetra/rjd3providers
 - https://github.com/rjdemetra/rjdemetra3
- Training
 - https://github.com/palatej/estp2023

JDemetra+ resources on Github

- Additional plug-ins (NBB)
 - https://github.com/nbbrd/jdemetra-sa-advanced/releases/tag/v2.2.3
 - Temporal disaggregation / benchmarking (nbdemetra-benchmarking)
 - Structural time series (nbdemetra-sts)
 - ...
 - https://github.com/nbbrd/jdemetra-dotstat/releases/tag/v2.2.5
 - Time series from SDMX Web services
 - ...
 - Nowcasting by means of dynamic factor models

JDemetra+ resources on Github

- New R packages (based on JD+ 3.0)
 - https://github.com/palatej/rjd3toolkit/releases/tag/v0.1.0
 - https://github.com/palatej/rjd3modelling/releases/tag/v0.1.0
 - https://github.com/palatej/rjd3arima/releases/tag/v0.1.0
 - https://github.com/palatej/rjd3sa/releases/tag/v0.1.0
 - https://github.com/palatej/rjd3tramoseats/releases/tag/v0.1.0
 - https://github.com/palatej/rjd3x13/releases/tag/v0.1.0
 - https://github.com/palatej/rjdemetra3/releases/tag/v0.1.0
 - https://github.com/palatej/rjd3sts/releases/tag/v0.1.0
 - https://github.com/palatej/rjd3highfreq/releases/tag/v0.1.0

Training

palatej/estp2021: ESTP training (github.com)

Final remarks

- Powerful tool
 - For distributed revision control
 - For collaborative development
- Designed for developers!
 - Complex tool (git)
 - Focus on code
- Wiki, issue tracking and follow up
 - You could (should) contribute.