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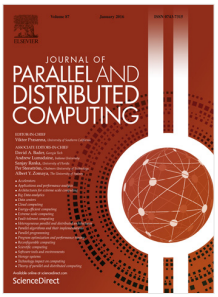

Building web-based services for practical exercises in parallel and distributed computing

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***Highlights (for review)**

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- An approach for building a service-based environment for practical exercises in PDC is introduced.
- A practical implementation of this approach using Everest platform with low development and operational costs is presented.
- Several use cases, including services for program execution and evaluation of programming assignments for various PDC topics, are described.
- The benefits of the presented approach are discussed and contrasted with traditional teaching approaches.

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