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Computing at INCDTIM and beyond

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Grid Computing, Cloud Computing, High-Performance Computing are three different fields with the same underlying idea, namely the processing and storing of data. Grid is standardized, Cloud is one step toward standardization, and HPC is an ongoing project around the world with a lot of in-house possibilities. At the National Institute for Research and Development of Isotopic and Molecular Technologies (INCDTIM) we have been processing data for the last 15 years, at Grid site RO-14-ITIM and at the HPC system of 7 Tflop for the last 8 years, but would like to add a cloud computing system at our Institute. This paper describes what we have at the Institute and what projects we have to fulfill our long-lasting dream of having a public/private cloud at our location.

Any relevant links

Topic

A Federated Compute Continuum

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