RAPID acceleration service is here!

RAPID project releases its final set of tools #RAPIDFramework to seamlessly offload compute or storage intensive tasks from low power devices to more powerful heterogeneous accelerators.

Cloud computing can be considered as a key driver for innovation. Cloud market has been continuously growing and it is expected to continue doing so in the near future. At the same time, the rise of the Internet of Things is impacting the way customers and businesses interact with the physical world. The globalization of the technology and the proliferation of smart devices is also changing the game rules. This is the context in which RAPID interacts.

The main outcome of the RAPID project is the #RAPIDFramework composed by a set of tools that allow to seamlessly offload compute or storage intensive tasks from low power devices to more powerful heterogeneous accelerators, supporting multiple virtual CPUs and GPUs.

So today, the RAPID Project members are proud to announce that the final release of the RAPID framework is here. This final version is released under open source licensing schemes.

The integrated RAPID framework opens up great opportunities in the Internet of Things and mobile computing arena, allowing for heavy computations to be offloaded to more capable infrastructures. #RAPIDFramework can be used in several scenarios as demonstrated through the project use cases. Developers can embed the RAPID framework within their applications to offload compute-intensive methods to the cloud.

The full description of components and links to download our software are accessible from our website www.rapid-project.eu, and they can be also downloaded from https://github.com/RAPID.

About RAPID

The RAPID project, coordinated by FORTH, was launched in January 2015 with the objective of providing the first public acceleration service. This is done taking advantage of abundant mobile computation power and ubiquitous high-speed networks to provide a distributed heterogeneous acceleration infrastructure that can change the future of mobile applications.

The consortium, led by FORTH, is composed of complementary organisations including industry and academia. It consists of the following organisations: Foundation for Research and Technology-Hellas (Greece), Sapienza University of Rome (Italy), Atos Spain SA (Spain), Queen's University Belfast (United Kingdom), Herta Security SL (Spain), SingularLogic SA (Greece), University of Naples Parthenope (Italy).

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For more information visit our website www.rapid-project.eu or contact the project coordinator Iakovos Mavroidis (jacob@ics.forth.gr).