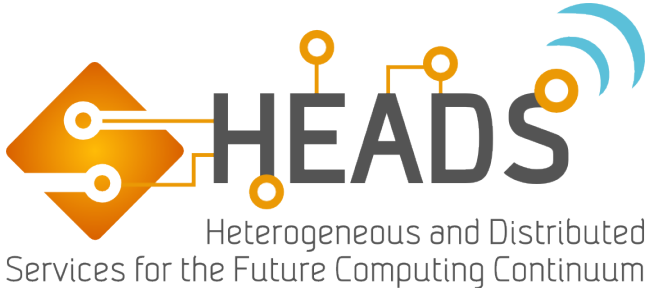


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<p>Title:</p> <h2 style="text-align: center;">D2.1: Initial modelling languages and transformation framework</h2>		
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<p>Abstract / Executive summary:</p> <p>This deliverable D2.1 presents the initial versions of the HEADS modelling languages and transformation framework. More precisely, it presents the HEADS languages and framework for:</p> <ul style="list-style-type: none"> • Specifying the behaviour of components, using asynchronously communicating state machines • Compiling those components to different platforms, including C, C++ and Java • Deploying and dynamically updating those components on a heterogeneous set of devices <p>This deliverable builds on and extends two open-source initiatives: ThingML for the white-box implementation of heterogeneous components, and Kevoree for the black-box deployment and adaptation of components.</p>		
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