In this work we integrate the USARSim simulator with the Pogamut platform in order to facilitate the development of USARSim virtual robots. We present a set of robots solving simple task as a proof-of-concept. We also provide an aerial robot solving more complicated task. This robot will be used to evaluate the suitability of reactive planner POSH for controlling robots in USARSim. Two versions of the robot will be created and compared qualitatively. The first version will use pure Java, the second version will use reactive planner POSH.