Parca: A Paramesh-Based Driver for Cactus DAVID FISKE, Decisive Analytics Corporation, ERIK SCHNETTER, MANUEL TIGLIO, Louisiana State University — The talk will introduce the Parca software, which allows the Paramesh AMR libraries to be used as a Cactus driver thorn. Both Paramesh and Cactus have become fixtures in the numerical relativity community, but until the development of the Parca software Paramesh-based codes were completely incompatible with Cactus-based codes and vice-versa. Preliminary results demonstrating the interoperability of the Parca driver with existing Cactus thorns will be shown.

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