

ARC (Nordugrid) - AliEn (ALICE) interoperation

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Abstract. In this talk, I will give a brief introduction to AliEn, the Grid framework developed within the ALICE collaboration, based on web services and standard protocols. AliEn has been used for more than four years, to submit and control a large (500.000) number of jobs worldwide. I will also present a model where AliEn jobs are submitted through ARC to resources controlled by ARC, where AliEn is installed as a Runtime Environment and advertised through the ARC information system. In this model the data and meta-data manipulation characteristic for AliEn is completely done through the AliEn system. This is a good example for the interoperation of two Grid systems, which are rather different to start with: AliEn uses a pull job execution model, while ARC uses the more popular push model.