

ABSTRACT:

As web services are gaining more popularity over the web, there are multiple web services available for different tasks. At run time, the composition of these services based on the requester's functional and non-functional requirements is a difficult task due to the heterogeneous nature of results of the services. This paper introduced some requirements that when fulfilled, a successful composition process can be achieved. In order to find the best approach, various composition approaches on these requirements were evaluated. Suggestions were provided on what approach can be used in which scenario in order to gain the best results.