RDA Data Fabric IG (DFIG): Use Case Description Template

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Proper Use Case descriptions are essential for the DFIG ...(bottom up, based on existing expertise, abstraction, etc.) Refer to the White Paper for background info and the Wiki where to deposit Use Cases.

## 1. Scientific Motivation and Outcomes (max. 0.5 pages)

*Provide a short summary of the scientific or technical motivation for the use case. What would be the best possible outcome and why?*

## 2. Functional Description (max. 1 page)

*Give at least one diagram that indicates the overall structure/architecture of the data creation and consumption machinery that is being used in the lab/infrastructure. Describe in simple words the functioning of the machinery.*

## 3. Describe essential Components and their Services (max. 1 page)

*Describe the most essential infrastructural components of the machinery and the kind of services they offer. These descriptions don't have to be comprehensive.*

## 4. Describe optional/discipline specific Components and their Services (max. 1 page)

*Describe the most essential infrastructural components of the machinery and the kind of services they offer. These descriptions don't have to be comprehensive.*

## 5. Describe essentials of the underlying Data Organization (max. 1 page)

*Describe the most important aspects of the underlying data organization and compare it with the model outlined by DFT.*

## 6. Indicate the type of APIs being used (max. 1 page)

*Describe the most relevant APIs and whether they are open for being used.*

## 7. Achieved Results (max. 0.5 pages)

*Describe the results (if applicable) that have been achieved compared to the original motivation.*