

Meeting Date/Time: 21.10.2024 / 09:30

Participants : FhG SCAI, DLR BT, HTW-Berlin, BMW, DLT-SY

Agenda:

1. Partner Contributions

The first impression from the September meeting shows that there is an inclination to separate the BC into two categories:

initial conditions & boundary conditions. The next step is to see if this idea fits for solvers which were not represented in the meeting in September but are used by other members of the WG.

The main objective is to identify, if separating the BC in this way fulfils the basic criterion for most of the softwares.

The second important point is the possibility to store solver specific data which cannot be placed in any of the VMAP Groups. For this VMAP offers the possibility to store native solver format data as is.

FhG SCAI will organize a vote on the further development of BCs in VMAP with the 3 possibilities: .

1. Separation of BS into initial conditions & boundary conditions
2. Separation of BS into initial conditions & boundary conditions (BC). Separation of BC further into Dirichlet BC and Neumann BC.
3. Separation of BS into initial conditions & boundary conditions (BC). Placing Dirichlet BC/Neumann BC as an attribute to the BC.

2. Updates & News

VMAP SC Wrapper Meeting is planned for 12 November 2024

3. Next Steps

FhG – present usability of json to h5 & h5 to json library

DLR SY – present a simple example with the BC storage in json format

4. Next Meeting

November 18, 2024, at 09:30 CEST