Dear Sir, Madam,

Please find below comments from RTE (French TSO) concerning the PSMG consultation paper 2022 on the standard for DLL format for EMT models.
We just noticed that deadline was today but at 5pm Melbourne time. We are sorry for the late response.

- There is only 1 entry point of the DLL for each time-step call. It os recommended to have more than 1 as in the IEEE CIGRE DLL interface, for instance:
  - Model_GetInfo : Returns Model Information (Time Step sampling time, Number of Inputs, outputs, parameters with their names, types...). Useful to display information in the main program and to automatically draw the component.
  - Model_CheckParameters : Checks the parameters on the given range, send warnings or errors, redefine values if incorrect.
  - Model_Initialize : Initializes the system by resetting the internal states (internal variables)
  - Model_Terminate : Destroys any objects allocated by the model code
- Only 2 types of input / output signals are possible in the proposed interface: integer and real. Strings of characters are accepted in the IEEE/CIGRE DLL interface.
- The interface should enable the settings of parameters
- The model cannot run at a time step different than the simulation time step. It should be possible to specified a time step different than the main simulation time step.
- The interface should enable triggering to create the snapshot file.

Best regards

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