Helpfile for the conversion of SBtab and SBML files

1. The conversion of SBML files to SBtab files

Biochemical models in SBML format can be converted to SBtab files. To be sure that your SBML file is valid, you can check this by using the SBML validator at http://sbml.org/Facilities/Validator/ Then, you can upload your SBML file on our website and push the "Convert to SBtab" button. The SBML file will be converted into three SBtab tables of the types Compartment, Compound, and Reaction. The tables will show in the file list on the top of the page:

The three SBtab tables contain, respectively, information about compartments, compounds, and reactions from the SBML file. Tables stemming from one SBML model form an SBtab document and are named after the original SBML file. Using the buttons, you can download individual tables or remove them from the list.

Please see next page for the conversion from SBtab to SBML

2. The conversion of SBtab files to SBML files

SBtab files, to be convertable into SBML models, must provide some basic information about the reactions and species in the model. Currently, SBML files can only be created from SBtab files of the type "Reaction". The SBtab file must contain, at minimum, the reactions' sum formulae. To create the SBML file, push the "Convert to SBML" button next to the Reaction table in the list.

If your Reaction table is syntactically valid (you can check this with the help of the online validator), it will be converted into a valid SBML model. The SBML file will appear in the list of SBML file on the bottom of the page.

The SBtab developers will be happy to answer you any further questions:

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