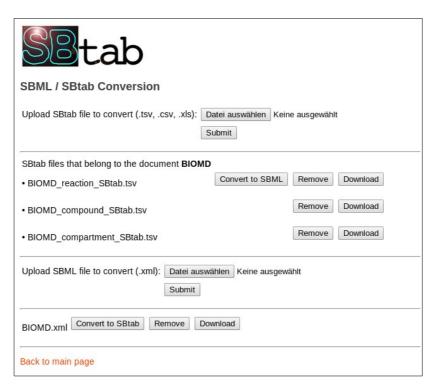


Helpfile for the conversion of SBtab and SBML files

1. The conversion of SBML files to SBtab files

A valid SBML model file can be converted to valid SBtab files. If you are not sure whether your SBML file is valid, please check this on the SBML website: http://sbml.org/Facilities/Validator/ After the successful validation, you can upload your SBML file on our website and hit the Convert to SBtab-button. The SBML file will be converted to 3 different SBtab files of the type Compartment, Compound, and Reaction, which will be shown in the SBtab file list on the top of the page:



The 3 new SBtab files hold information on the compartments, compounds, and reactions of the source SBML file, respectively. They can be removed from the list or downloaded to your computer. All of them are grouped belonging to the same SBtab document, which is named after the SBML source file.

2. The conversion of SBtab files to SBML files

The conversion from SBtab files to SBML files is more tricky than the other way around, since an SBML file requires a certain set of information to be valid; It needs to hold reactions and species. Thus, the creation of a new SBML file can only be possible if the user provides these information. An SBtab file of the type Reaction is required and it needs to hold information on the sum formula of the reactions. As you can see in the following figure, only SBtab files of the type *Reaction* can be converted to SBML files, the other SBtabs do not even show a button for this feature:



If the Reaction SBtab file is valid (when in doubt, please consult the online validator on our website), it can be converted to a valid SBML file which will show in the SBML file list on the bottom of the page.

The SBtab developpers will be happy to answer you any further questions which are not explained either in this manual or in the SBtab specification: