

SaberRD 文件类型及相关扩展名描述

在 SaberRD 设计文件夹中，设计者可以找到众多不同类型的文件，初学者往往感到困惑，不知道哪些文件是重要的、需要存档的，哪些是中间文件可以删除的。下面列出了绝大多数文件类型并进行了文件类型解释说明。这里要声明的是：

- 1、这可能不是 Saber 设计环境中所有可能文件的完整列表；
- 2、与用户和（或）站点库（Site-libraries）有关联的设计没有考虑在内。如有站点库，请考虑导出/导入这些库。
- 3、用星号(*)标记的类型文件，强烈建议归档。

Design Files 设计文件

design.ai_dsn	*	Schematic design file
design.ai_sch	*	Schematic database file
design.sin	*	MAST netlist
design.vhd	*	VHDL-AMS netlist
design.ai_vhddsn	*	Design configuration file
design.ai_vhdgrm		General Renaming Module
design.invoke.bat		Grid auxiliary file
design.ai_ns		Netlist state file
design.ai_str		Structure file
schtos.out		Netlister log file
design.ai_settings	*	Design settings for simulator
design.ai_out		SaberHDL log file
design_expts (folder)	*	Experiment folder
design.ai_expts	*	Experiment Analyzer definition file
design_mvars (folder)	*	Multi Vary folder
design.ai_mvars	*	Multi Vary definition file
design_fault_dir (folder)	*	Fault Analysis folder
*.ai_wca	*	Worst-Case Analysis tool file
design.sens.hdr		Sensitivity auxiliary file

Model Files 模型文件

model.ai_sch	*	Schematic file for hierarchical model
model.sin	*	MAST HDL file
model.vhd	*	VHDL(-AMS) HDL file
model.ai_sym	*	Symbol design file
model.hlp	*	Symbol help file
model.ai_tdb		Model template database file
model.ai_compiled		Sentinel file for compilation
function.dll	*	Dynamic link library
stimuli.txt	*	Text stimuli file
config.dat	*	Configuration data file
touchstone.s*	*	Touchstone / S-parameter file

Scripting 脚本文件

experiment.ai_batch		Experiment file for command line execution
script.ai_scs	*	SaberHDL command script
script.aim	*	AIM script
script.tcl	*	Tcl script
script.tlib	*	Tcl library file
script.tndx	*	Tcl library index file

Result Files 结果文件

results.ai_ba		Back annotation file
results.*_ba (folder)		Back annotation folder
results.ai_ip		Initial point file
results.ai_awd		Plot database file
results.*_awd (folder)		Plot database folder
graph.ai_graph	*	Waveform graph control file
graph (folder)	*	Waveform graph control folder
outline.ol	*	Graph template outline
results.ai_pl		Plot database control file
results.p2		Plot database analog data file
results.p3		Plot database digital data file

Report Files 报告文件

report.ai_dcx		Operating Point Analysis report
report.ai_sensx		Sensitivity Analysis report
report.ai_stressx		Stress Analysis report

Modeling Tools 建模工具文件

model.ai_ams	*	StateAMS Modeling tool data file
model.ai_tlu	*	Table Look-Up tool data file
model.ai_dat	*	ASCII tabular data file
model.ai_drcycle	*	Drive Cycle Editor data file
model.ai_load	*	Load Profile Editor data file
model.ai_scan	*	Scanned Data Utility data file
model.ai_dcpm	*	DCPM Motor tool data file
model.ai_mct	*	Magnetic Component tool data file
model.ai_fuse	*	Fuse tool data file
model.ai_sscosim	*	Simulink Cosimulation tool data file
model.ai_dp	*	Diode tool data file
model.ai_bjt	*	BJT tool data file
model.ai_mosfet	*	Mosfet tool data file
model.ai_igbt1	*	IGBT tool data file
model.ai_therm	*	Thermal Impedance tool data file
model.ai_txline	*	Transmission Line tool data file
model.ai_ibis	*	IBIS tool data file
model.ai_battery	*	Battery Modeling tool data file