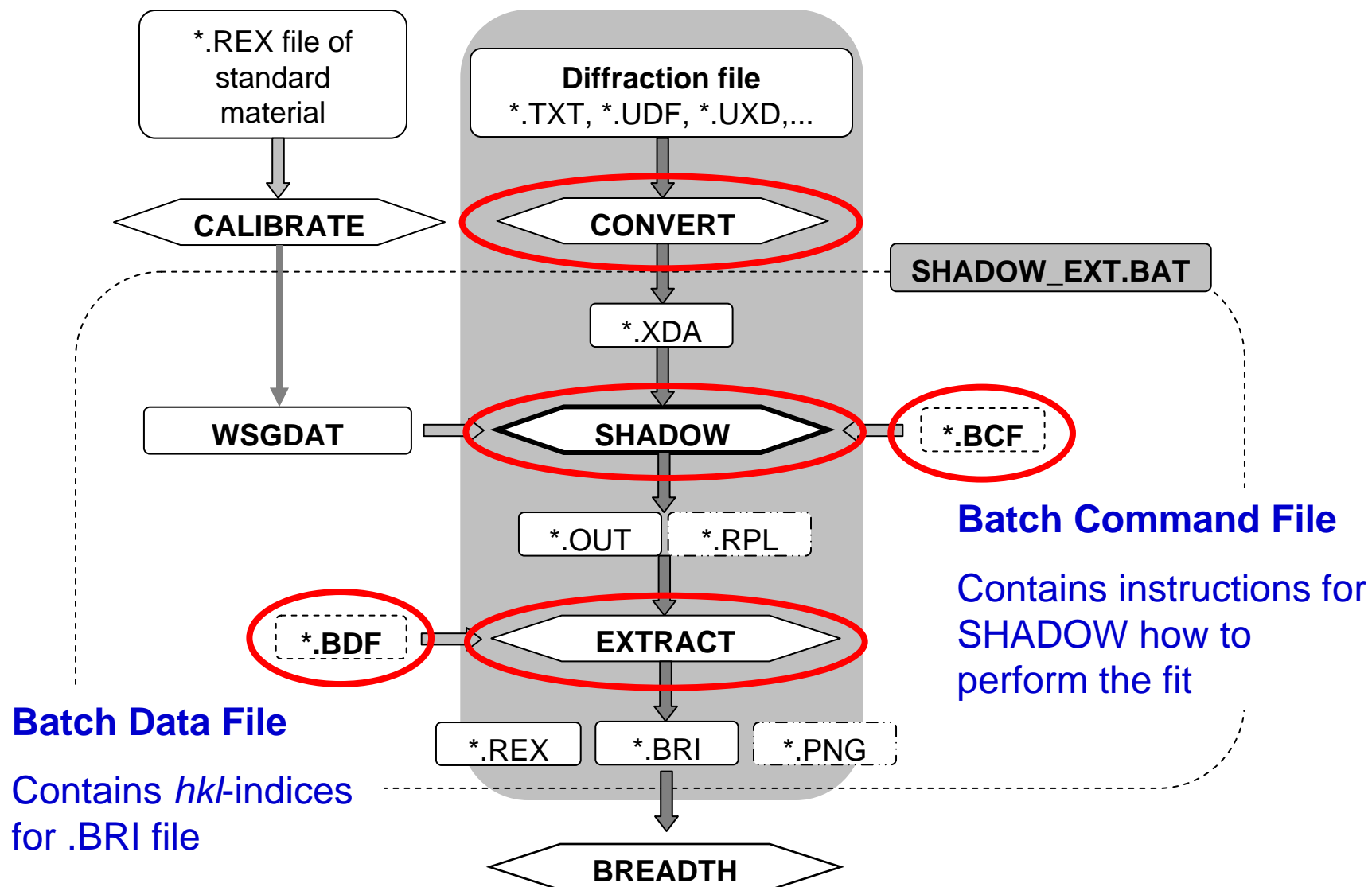


## SLH – SHADOW'S LITTLE HELPER

- SLH is a suit of C++ based programs designed to facilitate the work with *SHADOW* and the preparation of working files for *BREADTH*
- A combination of executable programs and DOS batch files is used to spare the user time consuming micromanagement of result files



# OVERVIEW

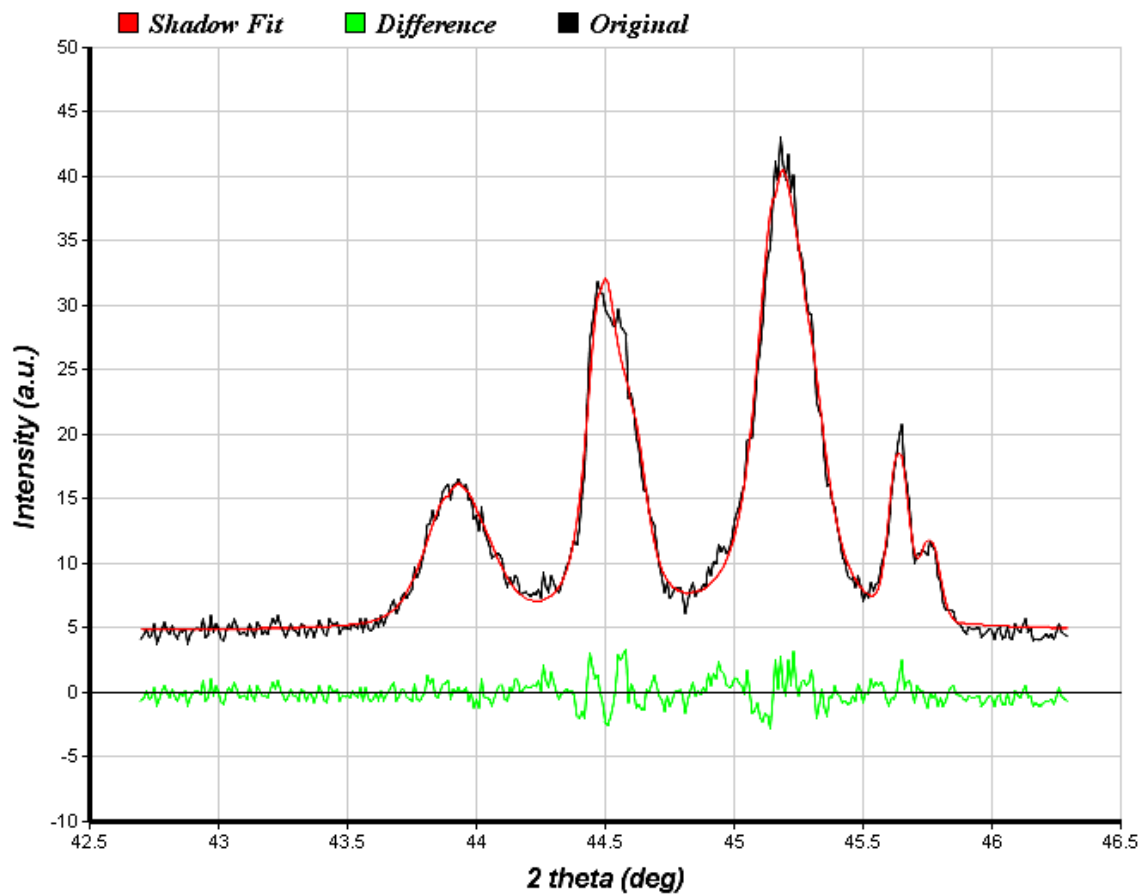


# FEATURES

After fitting of a profile a visual display of the results will be shown if a program like the *Windows Picture and Fax Viewer* is available



*SHADOW Fit Results*



*example1.OUT*

Result data will be automatically extracted from *SHADOW* result files and be put into a spreadsheet friendly format. If more than one phase is specified the results will be sorted by assigned phase number.



**PHASE NO.1 -----**  
**example1.XDA example1.txt**

LINE	REF	POSITION	INTENSITY	BETA C	BETA G	BETA	FWHM	
# 1	1	43.8914	10.9420	0.1149	0.2079	0.2871	0.2401	0.8362
	ESD	0.0030	0.4304	0.0384	0.0261			
# 3	1	45.1611	34.1768	0.1937	0.1009	0.2508	0.1768	0.7048
	ESD	0.0013	0.3820	0.0117	0.0141			

**PHASE NO.2 -----**  
**example1.XDA example1.txt**

LINE	REF	POSITION	INTENSITY	BETA C	BETA G	BETA	FWHM	
# 2	1	44.4842	20.5627	0.1295	0.0810	0.1796	0.1298	0.7227
	ESD	0.0013	0.4100	0.0121	0.0113			

## ADDITIONAL FEATURES

- No clogging up of main folder.  
Automatic creation of a result folder for each fit that contains all created result files after fitting is completed
- If more than one similar profile is to be fitted, the fitting instruction files for *SHADOW* can be reused and file names will be automatically replaced



*Please stand by for a  
demonstration...*

