Generally speaks about the MESA programming environment.

Glossary:

* Re-entrant: can be interrupted mid-execution and then safely called again before its previous invocations complete execution. Synonyms: pure procedure, sharable code. Related to but not the same as thread-safe.
* First-class values: can be passed as parameters and stored in data structures.
* Preempt: to do something in advance, often in order to prevent something from happening.

Page 218: Don't call us, we'll call you (Hollywood's Law).

* A tool should arrange for the [user interface] to notify it
* ...when the user wishes to communicate some event to the tool,
* ...rather than adopt an "ask the user for a command and execute it" model.

I did not read beyond page 218.