trace2

Trace2 config settings are only read from the system and global config files; repository local and worktree config files and `-c` command line arguments are not respected.

trace2.normalTarget
This variable controls the normal target destination. It may be overridden by the `GIT_TRACE2` environment variable. The following table shows possible values.

trace2.perfTarget
This variable controls the performance target destination. It may be overridden by the `GIT_TRACE2_PERF` environment variable. The following table shows possible values.

trace2.eventTarget
This variable controls the event target destination. It may be overridden by the `GIT_TRACE2_EVENT` environment variable. The following table shows possible values.

- `0` or `false` - Disables the target.
- `1` or `true` - Writes to `STDERR`.
- `[2-9]` - Writes to the already opened file descriptor.
- `<absolute-pathname>` - Writes to the file in append mode. If the target already exists and is a directory, the traces will be written to files (one per process) underneath the given directory.
- `af_unix:[<socket-type>:]<absolute-pathname>` - Write to a Unix DomainSocket (on platforms that support them). Socket type can be either `stream` or `dgram`; if omitted Git will try both.

trace2.normalBrief
Boolean. When true `time`, `filename`, and `line` fields are omitted from normal output. May be overridden by the `GIT_TRACE2_BRIEF` environment variable. Defaults to false.

trace2.perfBrief
Boolean. When true `time`, `filename`, and `line` fields are omitted from PERF output. May be overridden by the `GIT_TRACE2_PERF_BRIEF` environment variable. Defaults to false.

trace2.eventBrief
Boolean. When true `time`, `filename`, and `line` fields are omitted from event output. May be overridden by the `GIT_TRACE2_EVENT_BRIEF` environment variable. Defaults to false.

trace2.eventNesting
Integer. Specifies desired depth of nested regions in the event output. Regions deeper than this value will be omitted. May be overridden by the `GIT_TRACE2_EVENT_NESTING` environment variable. Defaults to 2.

trace2.configParams
A comma-separated list of patterns of "important" config settings that should be recorded in the trace2 output. For example, `core.` `,remote.` `.url` would cause the trace2 output to contain events listing each configured remote. May be overridden by the `GIT_TRACE2_CONFIG_PARAMS` environment variable. Unset by default.

trace2.envVars
A comma-separated list of "important" environment variables that should be recorded in the trace2 output. For example, `GIT_HTTP_USER_AGENT,GIT_CONFIG` would cause the trace2 output to contain events listing the overrides for HTTP user agent and the location of the Git configuration file (assuming any are set). May be overridden by the `GIT_TRACE2_ENV_VARS` environment variable. Unset by default.

trace2.destinationDebug
Boolean. When true Git will print error messages when a trace target destination cannot be opened for writing. By default, these errors are suppressed and tracing is silently disabled. May be overridden by the `GIT_TRACE2_DST_DEBUG` environment variable.

trace2.maxFiles
Integer. When writing trace files to a target directory, do not write additional traces if doing so would exceed this many files. Instead, write a sentinel file that will block further tracing to this directory. Defaults to 0, which disables this check.

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