NAME
era_invalidate - Provide a list of blocks that have changed since a particular era.

SYNOPSIS
era_invalidate [*options*] {device|file}

DESCRIPTION
era_invalidate examines era metadata and lists blocks that may have changed since a given era.

This tool cannot be run on live metadata unless the **--metadata-snap** option is used.

OPTIONS
-h, --help
> Print help and exit.

-V, --version
> Print version information and exit.

-o {output file}
> Write output to a file rather than stdout.

--metadata-snapshot
> Use the metadata snapshot rather than the current superblock.

--written-since {era nr}
> Blocks written since the given era will be listed.

EXAMPLE
List the blocks that may have been written since the beginning of era 13 on the metadata device /dev/vg/metadata:

```
$ era_invalidate --written-since 13 /dev/vg/metadata
```

The device may not be actively used by the target when running.

DIAGNOSTICS
era_invalidate returns an exit code of 0 for success or 1 for error (eg, metadata corruption).

SEE ALSO
era_check(8), **era_dump**(8), **era_restore**(8)

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