Left terminal:

```
k1e7l@BOOK-V2TI5OAE9C MINGW64 ~
$ git init gstash
Initialized empty Git repository in C:/Users/k1e7l/gstash/.git/

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~
$ cd gstash

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ echo 111 > f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git add f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash
You do not have the initial commit yet

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git commit -m A
[main (root-commit) 8741eb3] A
 1 file changed, 1 insertion(+)
 create mode 100644 f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git lgag1
git: 'lgag1' is not a git command. See 'git --help'.

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git config --global alias.lgag1 'log --all --graph --oneline'
usage: git config [<options>]

Config file location
    --global              use global config file
    --system              use system config file
    --local               use repository config file
    --worktree            use per-worktree config file
    -f, --file <file>     use given config file
    --blob <blob-id>      read config from given blob object

Action
    --get                 get value: name [value-pattern]
    --get-all             get all values: key [value-pattern]
    --get-regexp          get values for regexp: name-regex [value-pattern]
    --get-urlmatch        get value specific for the URL: section[.var] URL
    --replace-all         replace all matching variables: name value [value-patt
ern]
    --add                 add a new variable: name value
    --unset               remove a variable: name [value-pattern]
    --unset-all           remove all matches: name [value-pattern]
    --rename-section      rename section: old-name new-name
    --remove-section      remove a section: name
    -l, --list            list all
    --fixed-value         use string equality when comparing values to 'value-pa
```

Right terminal:

```
ttern'
    -e, --edit                 open an editor
    --get-color                find the color configured: slot [default]
    --get-colorbool            find the color setting: slot [stdout-is-tty]

Type
    -t, --type <type>          value is given this type
    --bool                     value is "true" or "false"
    --int                      value is decimal number
    --bool-or-int              value is --bool or --int
    --bool-or-str              value is --bool or string
    --path                     value is a path (file or directory name)
    --expiry-date              value is an expiry date

Other
    -z, --null                 terminate values with NUL byte
    --name-only                show variable names only
    --includes                 respect include directives on lookup
    --show-origin              show origin of config (file, standard input, blob, com
mand line)
    --show-scope               show scope of config (worktree, local, global, system,
command)
    --default <value>          with --get, use default value when missing entry

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ echo 222 >> f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git add f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ echo aaa > g

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ echo 333 >> f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status -s
MM f
?? g

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git diff
diff --git a/f b/f
index a30a52a..641d574 100644
--- a/f
+++ b/f
@@ -1,2 +1,3 @@
 111
 222
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
```

```
$ git diff --staged
diff --git a/f b/f
index 58c9bdf..a30a52a 100644
--- a/f
+++ b/f
@@ -1 +1,2 @@
 111
+222

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git diff HEAD
diff --git a/f b/f
index 58c9bdf..641d574 100644
--- a/f
+++ b/f
@@ -1 +1,3 @@
 111
+222
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git lgag1
git: 'lgag1' is not a git command. See 'git --help'.

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   f

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   f

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        g

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash
Saved working directory and index state WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        g

nothing added to commit but untracked files present (use "git add" to track)
```

```
k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash list
stash@{0}: WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash apply
On branch main
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   f

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        g

no changes added to commit (use "git add" and/or "git commit -a")

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ cat f
111
222
333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git diff
diff --git a/f b/f
index 58c9bdf..641d574 100644
--- a/f
+++ b/f
@@ -1 +1,3 @@
 111
+222
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ echo 111 > f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash list
stash@{0}: WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash apply --index
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   f

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   f
```

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        g


k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status -s
MM f
?? g

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git diff
diff --git a/f b/f
index a30a52a..641d574 100644
--- a/f
+++ b/f
@@ -1,2 +1,3 @@
 111
 222
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git diff --staged
diff --git a/f b/f
index 58c9bdf..a30a52a 100644
--- a/f
+++ b/f
@@ -1 +1,2 @@
 111
+222

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git diff HEAD
diff --git a/f b/f
index 58c9bdf..641d574 100644
--- a/f
+++ b/f
@@ -1 +1,3 @@
 111
+222
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash list
stash@{0}: WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash save 'stash -u -k' -u -k
Saved working directory and index state On main: stash -u -k

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash list
stash@{0}: On main: stash -u -k
stash@{1}: WIP on main: 8741eb3 A
```

```
k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   f


k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ cat f
111
222

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git diff

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  ls
f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash show
 f | 2 ++
 1 file changed, 2 insertions(+)

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash show -p
diff --git a/f b/f
index 58c9bdf..641d574 100644
--- a/f
+++ b/f
@@ -1 +1,3 @@
 111
+222
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash list
stash@{0}: On main: stash -u -k
stash@{1}: WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash pop
Auto-merging f
CONFLICT (content): Merge conflict in f
On branch main
Unmerged paths:
  (use "git restore --staged <file>..." to unstage)
  (use "git add <file>..." to mark resolution)
        both modified:   f

Untracked files:
  (use "git add <file>..." to include in what will be committed)
```

Left terminal:

```
                        g

no changes added to commit (use "git add" and/or "git commit -a")
The stash entry is kept in case you need it again.

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status -s
UU f
?? g

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ cat f
111
222
<<<<<<< Updated upstream
=======
333
>>>>>>> Stashed changes

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
Unmerged paths:
  (use "git restore --staged <file>..." to unstage)
  (use "git add <file>..." to mark resolution)
        both modified:   f

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        g

no changes added to commit (use "git add" and/or "git commit -a")
k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ code f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git add f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   f

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        g


k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ echo 333 >> f
```

Right terminal:

```
k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git commit -m B
[main 3dfd2fe] B
 1 file changed, 5 insertions(+)

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git log --oneline
3dfd2fe (HEAD -> main) B
8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git log --oneline
3dfd2fe (HEAD -> main) B
8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash list
stash@{0}: On main: stash -u -k
stash@{1}: WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   f

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        g

no changes added to commit (use "git add" and/or "git commit -a")

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ cat f
111
222
<<<<<<< Updated upstream
=======
333
>>>>>>> Stashed changes
333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git diff
diff --git a/f b/f
index b912008..07ebabd 100644
--- a/f
+++ b/f
@@ -4,3 +4,4 @@
 =======
 333
 >>>>>>> Stashed changes
```

```
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git diff --staged

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git diff HEAD
diff --git a/f b/f
index b912008..07ebabd 100644
--- a/f
+++ b/f
@@ -4,3 +4,4 @@
 =======
 333
 >>>>>>> Stashed changes
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash show -p
diff --git a/f b/f
index 58c9bdf..641d574 100644
--- a/f
+++ b/f
@@ -1 +1,3 @@
 111
+222
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash list
stash@{0}: On main: stash -u -k
stash@{1}: WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash show -p stash@{1}
diff --git a/f b/f
index 58c9bdf..641d574 100644
--- a/f
+++ b/f
@@ -1 +1,3 @@
 111
+222
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   f

Untracked files:
  (use "git add <file>..." to include in what will be committed)
```

```
            g
no changes added to commit (use "git add" and/or "git commit -a")

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash -m 'stash -u' -u
Saved working directory and index state On main: stash -u

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
nothing to commit, working tree clean

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ ^C

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
nothing to commit, working tree clean

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash show -p
diff --git a/f b/f
index b912008..07ebabd 100644
--- a/f
+++ b/f
@@ -4,3 +4,4 @@
 =======
 333
 >>>>>>> Stashed changes
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash show -p stash@{1}
diff --git a/f b/f
index 58c9bdf..641d574 100644
--- a/f
+++ b/f
@@ -1 +1,3 @@
 111
+222
+333

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash list
stash@{0}: On main: stash -u
stash@{1}: On main: stash -u -k
stash@{2}: WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash drop stash@{1}
Dropped stash@{1} (0ca5f69c116648076707c35799cb40f10263e6c6)
```

```
k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash list
stash@{0}: On main: stash -u
stash@{1}: WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash drop
Dropped refs/stash@{0} (b1e361556cdeb4ca385ab0fb23870570b6e20dc9)

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git stash list
stash@{0}: WIP on main: 8741eb3 A

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash clear

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git stash list

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ ls
f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git status
On branch main
nothing to commit, working tree clean

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ touch g h i

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git status
On branch main
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        g
        h
        i

nothing added to commit but untracked files present (use "git add" to track)

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  git clean
fatal: clean.requireForce defaults to true and neither -i, -n, nor -f given; ref
using to clean

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git clean -i
Would remove the following items:
  g  h  i
*** Commands ***
    1: clean                2: filter by pattern    3: select by numbers
    4: ask each             5: quit                 6: help
```

```
    4: ask each             5: quit                 6: help
What now> ls
Huh (ls)?
*** Commands ***
    1: clean                2: filter by pattern    3: select by numbers
    4: ask each             5: quit                 6: help
What now> 4
Remove g [y/N]? n
Remove h [y/N]? n
Remove i [y/N]? y
Removing i

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ ^C

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  ls
f  g  h

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$ git clean -f
Removing g
Removing h

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$  ls
f

k1e7l@BOOK-V2TI5OAE9C MINGW64 ~/gstash (main)
$
```