Package gitissue

```
import "github.com/butlerx/AgileGit/gitissue"
```

Index

Package files

gitissue.go

Variables

```
var (
    Conf *Config

    Path   = &folder
    GitLog *log.Logger
)
```

func AddLabel

```
func AddLabel(repo, labelName string, issueNum int) ([]github.Label, error)
```

Add a label to a issue.

func AddMilestone

```
func AddMilestone()
```

Add Milestone to an issue. BUG(butlerx) Currently adding a milestone is not supported as milestones in the api are a mix of strings and ints. Bug is noted in library docs.

func ChangeKey

```
func ChangeKey(oldKey, newKey string) error
```

Change user encyption key

func ChangeLogin

```
func ChangeLogin(user, oauth, key string) error
```

Change user name and Auth token and relogin.

func CloseIssue

```
func CloseIssue(repo string, issue *github.Issue) (*github.Issue, error)
```

Marks issue as closed.

func Comment

```
func Comment(repo, body string, issueNum int) (github.IssueComment, error)
```

Comment on a issue on github.

func CreateLabel

```
func CreateLabel(repo, labelName string) (github.Label, error)
```

Create a label for a repo.

func CreateMilestone

```
func CreateMilestone(repo, milestone string) (github.Milestone, error)
```

Create a Milestone for a repo.

func DeleteComment

```
func DeleteComment(repo string, commentId int) error
```

Remove a comment from an issue.

func DeleteLabel

```
func DeleteLabel(repo, labelName string) error
```

Delete a label from a repo.

func DeleteMilestone

```
func DeleteMilestone(repo string, mileNum int) error
```

Delet a Milestone from a repo.

func EditComment

```
func EditComment(repo, body string, commentId int) (github.IssueComment, error)
```

Edit a comment already on github.

func EditIssue

```
func EditIssue(repo string, oldIssue *github.Issue) (*github.Issue, error)
```

Edit a github issue. Edit the issue object before passing it to this method.

func EditLabel

```
func EditLabel(repo, labelName, newName string) (github.Label, error)
```

Change the name of a label.

func EditMilestone

```
func EditMilestone(repo, newTitle string, mileNum int) (github.Milestone, error)
```

Change the title of a milestone in a repo.

func IsSetUp

```
func IsSetUp() (bool, error)
```

Check if users config is set up and if being run in git repo.

func Issues

```
func Issues(repo string) ([]github.Issue, error)
```

Pull all issues and write them to .issue/issues.json. Pulls both open and closed issues. Used to update issues.json. Method for accessing issue.json. Returns last pull if cant connect to server. Repo should be structured as "user/repo"

func IssuesFilter

```
func IssuesFilter(repo, state, milestone, assignee, creator, sort, order string, labels []string) ([]github.Issue, error)
```

Filters issues based on mileston, assignee, creatoror, labels or state. Pass empty strings for things that arnt to be filtered. Returns array of issues in order asked for. TODO(butlerx) filter offline issues if query of repo fails.

func ListComments

```
func ListComments(repo string, issueNum int) ([]github.IssueComment, error)
```

Lists all the comments for a given issue.

func ListLabels

```
func ListLabels(repo string) ([]github.Label, error)
```

list all possible labels in a repo.

func ListMilestones

```
func ListMilestones(repo string) ([]github.Milestone, error)
```

List all Milestones in a repo.

func LockIssue

```
func LockIssue(repo string, issueNum int) error
```

Locks issue so it cant be changed.

func Login

```
func Login(userkey string) error
```

Logs in to github using oauth. Returns error if login fails.

func MakeIssue

```
func MakeIssue(repo, title, body, assignee string, milestone int, labels []string) (*github.Issue, error)
```

Create an issue on github. Requires repo and title args, rest are optinal arg and can be passed empty. Make issue put milestone at 0 for no milestone. BUG(butlerx) Issue Creation doesnt work in offile mode.

func OpenIssue

```
func OpenIssue(repo string, issue *github.Issue) (*github.Issue, error)
```

Mark issue as open.

func PossibleAssignees

```
func PossibleAssignees(repo string) ([]github.User, error)
```

Get a list of all possible assingees

func RemoveLabel

```
func RemoveLabel(repo, labelName string, issueNum int) error
```

Remove a label from an issue.

func RemoveMilestone

```
func RemoveMilestone()
```

Remove Milestone to an issue. BUG(butlerx) currently Removing milestones is not supported as milestones in the api are a mix of strings and ints. Bug is noted in library docs.

func SetUp

```
func SetUp(user, oauth, key string) error
```

Set up .issue folder, issues, comments & config file and begin logfile. Appends to to gitignore to ignore the config file. Checks if the files exist and if they dont creates them.

func UnlockIssue

```
func UnlockIssue(repo string, issueNum int) error
```

Unlocks issue to allow changes.

func WatchRepo

```
func WatchRepo(repo string) (string, string, bool)
```

Monitor for change in repo. Rings terminal bell and returns true and the reason if something happened in repo. returns false if nothing changed

type Comments

```
type Comments struct {
    Issue []github.IssueComment
    Num   int
}
```

Structure for comments to file used for storing comments offline array of comments and issue number they relate to

type Config

```
type Config struct {
    Username string
    Token    string
    Secure   bool
}
```

Structure of User config file Username and oauth token stored check if user wants the token secured

Bugs

☞ Issue Creation doesnt work in offile mode.

☞ Currently adding a milestone is not supported as milestones in the api are a mix of strings and ints. Bug is noted in library docs.

☞ currently Removing milestones is not supported as milestones in the api are a mix of strings and ints. Bug is noted in library docs.