- \* Girthub: Hosk & greview code, manage projects & build software
- \* Devops deatures: all size: deature, fixing bug, Collaborate on changes.
- \* Developeous gatheon to make things better,

\* Issues, notification, branches, commits, pull goe & west \* web page deploy (618x & G18xhub) , FOONX VS clone.

\* Not only a platform but eggers features to optimize.

## Benanching

\*many ideas - some one one ady & some one not \* coneate branch - Any Change in branch doesn't appect main. "force to experiment"

Emenge - when 9t % absolutely neady to go - (nevsewed by someone - collaboratly) Bypanching: come concept

\* Anything in the mosn branch is always deployable.

\* coneate boranch of the main. (else appects main - no use of boranching.

Byranch name (descriptive): groupsactor\_author tication usen - content - cache - Key regardapoods to a project, deaturne or these make - rexina - avatans.

Ready: monge with main Branch: Add feature, remove, Olit

\* Associate lepuis ultro pui

#### Gighthub flow

69%: Drestolouted verision control system - allows multiple dows to work on a project. (way to work with one/more local branches & pushes them to a gremote grepo).

> \* Gist: Responsible for everything Gisthub-related happens exally on your computer.

Key deatures & 698 : \* Boranching

\*version control

\* Installed & used on your local Computers.

Gisthub: cloud platform-using Gist as come tech. Simplifying the procure of collabograting on perosect by

. \* Ponoviding website

\* Command Ine Lools

\* Flow

elemoke neposekony

Ont: Local computer

Gisthub: USES Gist = Sociopath.

#### 20800

- \* communication byw Consumos & dev Learn
- \* An Posue Can be created descues kop9cs, bugs, geatures, documentation Classiffications.
- \* Iosues can assigned to owners, labels, projects & miles tones.
- \* ASSO CPATE POSUES WITH PULL TROY LESTS & OTHER THEMS TO Provide ofutions traceability.

#### M91estones, Labels & Assignes

\* must have edst access (20gue) - Collaborator

Mileskone: group of losues, cognesponds to a project, geature or time.

eg: Beta Launch, October Sprant, Redoesign

Labels: organize disoperions types of labous: words - easy to view that passificulars losue.

milestone: 19 he a dolden-group

habels: Give name to 9 dontity.

#### Assi grees

\* Posporesible does moving that usue doswand?

\* select the Posue - menu will be theore.

By using @ - we can notiby other weens.

Nothfications: Any Improvent / new things in usue - notity.

Ragon: mastering maskdown (Skylling)

github. com /notifications

mention: gregeorence to other users (Turteen mentions)

Regenence: " one lesue - dependent on other voue - ne lated?

: we can give the notonence.

## Topue in another grepo:

Kneath/example-project#42

L
Reponame Issue Number

\* Poreque: "Fixes", "Fix", "closes", "closed", "close" -> the committee menged to main - automatically close the cosue.

\* Rederence: easy 9n bug finding history tracking.

eg: fixed # 9196- malbormed HTML in doc.

Exercise I do accessed had

Seconch: Keyword, State (Closed), Assigned etc.

#### Iosue dashboand

chooking broaden lesting of all your les unes - history?

github.com/ rosues

Pulse: Shows everything happened in your siepo.

eg: no. og Commists, pull me vuests, now les unes Ctc..

## 2 double the banks Benanches

- \* Spretanned way to coneate changes In the Gisthub flow?
- \* So that muttiple people an work simultaneously-controlled way.
- \* Foredom to test once ready Commet & meange to maso

## Ува рин элепиевь.

signal - commits of one branch is neady to be pull newwest: monged into another branch.

the code. (Approved: Sounce revuest branch menged to base branch),

Labels: bug, docu, duplicate, help næded, improve, ovuestion

#### Actions .

\* Tosk automation - stareamine processes in sostwane development issecycle.

workflow: Automated process added to repo.

Events: An activity triggeous a workflow

Jobs: A sek of skeps that execute on a runner.

Steps: A track that can grun one / mospe Commandes (actions)

Actions: Standalene Commands - Compined to steps (multiple-Job)
Steps

Runners: serven - having Golf Hub actions number app Prostalled.

eg: everytime a user coneates a pull nevuest.

#### Cloning & Fonking

cloning: Copy spepo & 9ks history to local machine. (Laten we can push)

eg: 99k clone -> command

gh spepo clone

### Pognitang

- \* make a copy of a stepo in your account.
- \* Panent nepo bipstream
- \* Footked copy ogilgen,

offered a committee of the extensive to examine the

ages to be consisted braids

"once fooked - clone - change then merge"

\* wathout appecting upstream parent repo.

\* If meorge needed - pull one or ues t.

girpages - hosting engine - right into your account.

#### Mankup language

\* Concrese, lightweight syntax - Overhead Inhement to HTML.

eg: Repossit a bug: depth & context -> \* emphassize poorts es your text

\* List of preproduction steps

\* Enumerate your observations

\* Embed Sconeenshoks - 19nks, logs.

\* Regerence other results / Ignes of code.

\* HTML - takes up lot of space - mankdown don help!

\* monkdown - power of HTML & case of plain text goon editing.

Tralics

\* use "x" on "\_" b/w toonget text

Thus es \*9 tall c \* text.

Thes es \_ ghallc \_ kext.

Bold

\*Use \*\* 09 --

use \* og =

\ \* (091) \ \_

★,\_ → Ikalics

mapping and a new parties of the region

TELL LE PYHORES LEXE

\*\*, \_\_ > bold , \\* , \\_ > Astronk & underscore.

418

Heading.

HTML -> <h17 tag.

#  $\rightarrow$  each don one level (1 to 6)

###### Thes es Ho text -> 6 th level heading.

Image - ! [Lank an amage] (1 learn / azuere - devops / shared. png)

LANK to leasn] (/leasn)

#### 1955

\* ogndened 1984s skant with numbers

\* unordened - with astenisks on dashes.

sitar to vaporoduction saves - First contributions FPosk - nested 4. Second - second 4. Third - Third

> Tables - "use pipes" p9pes - Column (1)

dashes-Rows as a headen (-)

-> designate previous now as a headen.

Chippen de Callen

<u>eg</u>: Flast | second -1-1/2 314

Brodelestine

second 500 3

0/p

Block quotes (>)

> Thes res evuoted text

Thes is avuoted text

O/P

Filling the gaps - "we can use HTML also" cohen markdown - not supports

Hene es a <br />
1> Pene break

Ly Lone boneak.

working with code

THE Es Code?

This 95 | code. - Renderred as Gode.

mutiple lines

111 -> Fenced Code block.

如 如 如果 并非共 拉拉

GFM - Offers syntax highlighting don popular languages! Just specify the language as past of the first lick seavence, Hatter [ Hatt] [mail]

111 gavascript

vaon frost = 1;

vaon second = 27

-> Syntax highlighted.

vaon sum = flost + second;

## Conose lanking & pull seavleaks

#Id > # 3602

GH-360& eaged 3dovitor - ages - goods desktop/desktop#3602

Va -Consig, xink

https://github.com/dosktop/desktop/pw1/3602

# Lanking specific Commits

Sound of a file in monades generally have 190 \* in the little the layout

\* USEO @ SHA -> USEO name @ Id

\* Usermanne / Repository @ SHA.

## portragin Mention

@mention was set and an about the same sales

## print great to will have tracking bask ists too wood side of or or or

- [x] flook task

n first task

ns media

- [x] Second kask -/P

Second tosk

were present a company - Total Jest of house the freeze

Third hask.

Consiler ophians

- \* •md (691) •maonkdown extension
  - \* Shoosing Shippeks of text In Gists.

[Name] [19nk] 
$$\rightarrow$$
 9mage

: heady :  * Ikem 1  * Ikem 2  * Ikem 2  * Ikem 2  * Ikem 2  : 3mfle:  * Ikem 2a  : 3poonkles:  2. Ikem 2  1. Ikem 2	ideored)
# Ikem ab : kada;	

Gfithub pages - Not hosting site (to hast anything)

Settlings - Pages - activate pages

Static'- 6ingle page sites

#### YAML

Foronk matter - YAML metadata that prepends (adds at the beginning) the Content of a file. It includes generator instructions to indicate the layout style. Of a moonkdown page (POSK, Page.) - Title, page content variables, Author name.

layout : Post

-> metadata

KILLE : This to set as the document tile.

Thus as vasable body content -> HTML/ and / Llowed templating.

## 89te % up & musning:

- \* customize details about site via \_Config. yml
- \* config. yml has meta data, navigation memos, theres,

Compileon options etc..

Gogthub supposite: HTML. (Jery) I supporte Lov usd And. Lemplate too)