* Eclipse memorey Ahalyzer Tool Can Identify Inefficiencies In you application - As well as show you the wider monoray usage for code.

GIT Talonew questions

x What is Gil?

I git is a domibuled Vernon Coupor System.

you to vever back to any porticular change that

you wish to

* It is a distributed architecture thou provides money advantages over other venus could syngstens like Sun

I one of the major advantage is doesnot relay an

Centeral Server to Store all the Versons of a project files

I There is one central Server to Store a project file

A programer can maintain a local repository which is a chary commit and update for local repository

with our ony housels

Difference between Git and SVn?

-> get is a decempolised Verson Cahor tool

SVn is Centralized Vermon Control tool

> get belongs to 3rd generation of version catul toly

orn belogs to wand generation of vencer court too

-> get Commits are possible even you are offline

sun comments are parter only online

In gil push and pull are fasser in sun push and pull are staxer

* Difference between git and githib ?

→ Git is a vernon Coupol System of distributed nature that is used to track source code Changes during Software development

Solver code management (SCM) functionally of Git assers adding its own fewers

F metron menhon vanous But repositionly horning functions.

· Gitlab

· Bitbucket

· Source Forge

· Bst Enferprise

* git Commit

-> git commit <ophon> "menage"

Basic git Commands

gil Inil > 15 used to create new local reporterly

git Status > list the files that was changed thoose to add

git Clone < un>

git add

get command

git push orgin cranter:

I than to fix a broken commit? → use the command "gil commit -- amend" are con fix the byoleen commit in the cultor How do you rever a Commit that has already been pushed and made public? Git revert (none of the conmit or he commuted) Difference between git pull and fetch? git Fech works similarly the way as git put but works a bit different way * when we do fetch - pulls all new commets from the desired branch and stores it in a new branch in a local repository -) If we want to reflect this charges in farget branch git fetch will be followed When a git merge. So in this case your forget branch will only be updated after merging the farget bronch and the fetched branch * How to push a file from your local System on to Cuthub repositing ung git? git fun origin mayer. whar is process to vever a commit that has already been pursed and made public? git Commil -m "Commit message" git verent Krammilid> Exi, git verent 56900938

gil petch Got pull

git fetch only downloads new data from a remote repository

Does not integrate any of his new data into your working hos like to update the remote - tracking branches

· GIT PAIL Updates from the CONTENT HEAD branch with the Latest changes from the vernote Server · It downloads new data and Integrates It with current working files · It has to marge vernote changes with your local ones

Command: git fetch ongin gil fetch-all Camped: git pull orgin waster

How do you find a list of files that has been Changed in a particular commit?

Command to get a list of files been changed in a

Particular Commit is

gil diff-tree -r {commit han}

Example: gib diff-tree -r \$70673f216

· - Y flag allows the Command to list inducted

files

· commit ham will list an the files that

were changed (as anded in that Commit

What is a merge confrict in Gil and has can it be resolved?

Git merge anflict -> It values when you have branches
that have competing commits and but needs
your help to decide which changes to incaperate
in fue final merge.

Kesove Using Grithub Capitat

Manually Edil for Caffle file editor

to select the changes that you =) This is done when
want to keep in the final merge Carpict is Caused by

Morge Competing line Chane's Co...

Show people make different

Changes to Same line of the

Same file on cliffren branches

In your Gil repository

* what is merge conflict and how conit be lesswood?

& under your repository name, chere to pur request

Conflit that you'd like to verolve.

* Near the bottom of you put request, Cir resole Caffet's

* Decide If you wont to keep only your branches Changes,
keep only the Ofter branch's Changes or make a brand
new Change. Which may incorporate Change from
both branches-

Oct-04/0010-vep.

Code Ossues | 18 pullrequests posecus

Open Gillan

Nangaje into the local Gil repository that has the

Generale a lin of the files offected by the menge Caffild. In this example, the file Styleguide and has a neige Caffilt.

-) git status

* open any text editar, Such as sublime text or Atom, and nevigate to the file that has merge cliffs

* To See the begining of the merge confrict in your file, Search the file for the Confrit maker

offer the line <<<< HEAD

* Next you'll see [=======], Which dinder your changes from the changes in the other brack;

followed by >>>>>BRANCH-NAME

If you have questions, please <<<<> HEAD

Open an issue

ank your question in the >>>>>> branch-a.

Branchy Shapegy. Gil model. · Brandy Shage Name: & Langlord Short lived * Sour, demanan x morge, how to promote prop * Conflits -> Git model -> refer to nive. com. 1) masser, development -> long lived pranches prop ahead of maner new Features 2) scapre, velosse, hot fix development mayer development frapre. sora: due puis befre pish * Create a faute from dev den: dev. * After frung febre branch & merch to der branca,

