18:08:43 <darci>  #startmeeting
18:08:44 <tota11y> Useful Commands: #action #agreed #help #info #idea #link #topic.
18:08:58 <darci> Ok... updates anyone?
18:09:07 <darci>  #topic Updates
18:09:10 <amber> ill go
18:09:29 <amber> so i found a uml of the opencv framework only that was in the mousetrap docs.
18:09:41 <amber> epydoc is not able to complete the diagram because of errors
18:09:58 <Stoney> install graphviz
18:10:00 <amber> so i am trying it in a vm using an old version of ubuntu but am still seeing an error
18:10:16 <amber> Stoney, it was because mousetrap couldn't compile
18:10:26 <Stoney> oh i see
18:10:32 <amber> so it couldn't traverse the dependencies
18:10:43 <amber> but that might be why im still seeing the error in ubuntu
18:10:50 <amber> ill try it, thanks!
18:10:52 <john_> It worked in Ubuntu 10.4, did you use that version?
18:11:00 <amber> yes im in it now
18:11:02 <amber> ;)
18:11:10 <darci>  #info amber found a uml of the opencv framework only that was in the mousetrap docs
18:11:21 <heidi> Nice work Amber!
18:11:22 <amber> i uploaded it to the current version of my git branch
18:11:34 <amber> in the mousetrap docs folder
18:11:49 <amber> along with an html version of the epydocs that did compile
18:12:19 <amber> so i think thats it for me
18:12:25 <darci>  #info epydoc couldnt traverse the dependencies because mousetrap doesn't compile
18:12:56 <amber> it did do the html written docs, just not the uml diagram
18:12:58 <darci>  #action amber will try graphviz
18:13:28 <Stoney> graphviz is needed to generate diagrams...
18:13:38 <Stoney> but the dependency issue is still a problem
18:13:47 <amber> i am getting a gdk_x_error()
18:13:58 <darci>  #info amber did work on the html written docs
18:13:58 <amber> for a "bad window"
18:14:21 <Stoney> hmm...
18:15:06 <amber> i wonder if it has something to do with my camera not being enabled? bc im running a vm..
18:15:09 <heidi> Sorry, Firefox crashed
18:15:34 <heidi> My apologies if you have already covered this, but do you know that your camera works in the VM?
18:15:49 <heidi> (outside of mousetrap that is?)
18:16:10 <amber> no, it doesn't
18:16:23 * john_ kinda wishes he hadn't returned the laptop
18:16:24 * john_ haha
18:16:30 <amber> which is way i suspect it could be the problelm
18:16:47 <heidi> Right, I have had much problems getting cameras to run in VMs.
18:17:00 <amber> i dont know how to even attempt it haha
18:17:01 <heidi> The problems tend to be driver-related.
18:17:08 <darci> John: you can always get the laptop back
18:18:01 <darci> So amber: you are doing all of this just to generate the UML diagrams, right?
18:18:09 <amber> yea
18:18:13 <amber> it didn't take long tho
18:18:30 <amber> but to go further, i dont think its worth it
18:18:40 <heidi> Right, I agree
18:18:51 <amber> but i can still do the manual docs i was working on
which will be worth it
I could toss Ubuntu on my external and generate the UML file if you like.

try to, anyway
very strange to have to spin up another OS just to generate a UML :)
because mousetrap (the original branch) compiles+ runs fine on Ubuntu 10.4

but wouldn't compile on Fedora (or any newer OSes I suspect)

ah
i could do it, but i don tknow if we want to spend more time on it

John: another thought...
You could stop the lab and try it quick.
Sadly the laptop now has Fedora 17 on it, not Ubuntu 10.4
so it wouldn't be quick :)

Oh yea...duh!

and you cant boot off a flash drive either, bc you have to be root in order to use apt-get right?

Ok...maybe we can think about this some more.

John: do you have any updates?
Not much -- I looked at the ocfw source and read Amber's docs.
as Amber asked me to do last week
did it make more sense?
Amber -- looking at my status re: Mousetrap install on Ubuntu, it ran great when there's no camera plugged in. Couldn't the UML be generated when no camera is present?

Kinda. Not really. :D

#info john has looked at the ocfw source and read Amber's docs
i thought it would work. ill look into the error. seems to be gdk related or maybe a problem with epydocs running on this os.
As for the WNE students, Logan is still working on debugging OpenCV stuff.
mousetrap runs just fine tho, cool to finally see it work :)
Very cool!

Stoney, do you remember what Nikki is doing?
Yes, very cool!
you all saying I was the first to see it working way back in December? lol

(sorry person at door... i'm back... reading)

#info Logan is working on debugging OpenCV
I'm not sure what nikki is working on specifically, no

I know she was working on looking through the opencv meeting notes
I think we set her to figure out if she could find any more recent design docs for MouseTrap.
and i suggested to her that we try to track down the ones for mousetrap instead

jinx :)

:-)
FYI...I just found this on stackoverflow: Epydoc is a tool to generate API documentation from Python source code. It also generates UML class diagrams, using Graphviz in fancy ways.
yup
So, Epydoc uses Graphviz?
yes
yup

but thats the part i cant get to work

amber, silly question, but did you use yum or apt to install graphviz?

Nikki is working on looking through the opencv meeting notes and tracking down design docs for MouseTrap
apt is on ubuntu
so apt
yum is fedora
so i tried both
it worked on fedora but Mousetrap didn't

so i tried both
it worked on fedora but Mousetrap didn't

and now i have the opposite
ah, ok

Any other thoughts on sending an email out to the MouseTrap list serve?
Actually, John may not have heard about this before?
We should first check with joanie to see if that list has anyone else except us on it.

how far should I scroll back?

apt-get graphviz should work?
https://launchpad.net/ubuntu/lucid/+package/graphviz

yea i tried it
just now

same gdk error tho

Hi Joanie! Just wanting to know if the MouseTrap list was resurrected for us or if the previous developers might be on it.
I'm on the list serv but never get anything
previous developer(s) might be on it
Right, but the question is who would we reach if we send email.
OK, thanks.
So we should ping the list.
mousetrap says to report bugs to: flaper87@flaper87.org

no
that should be changed as well
Flavio may or may not respond
he apparently did not respond to heidi's gnome account access
flapper was ~21 when he wrote this. Probably moved to bigger/better things.
ah ok
OK, thanks. The core issue is that we have some questions about the design of MouseTrap
and he definitely did not respond to my list access
Ah, OK.
So might not be there any longer.
heidi: if it's design related and you have a BetterIdea(tm), go for it
it's your/our module now ;) 
Ah, OK.
I'll get the list resurrected (i.e. API, me, and heidi as admins)
if Flavio feels like chiming in, we certainly would not mind

;)
anything else I can do for y'all in the meantime?
The design appears to have a class that might serve as an interface to the OpenCV stuff
and we're just curious as to the purpose. But we can go ahead around that as needed if it's OK to do a significant rewrite.
Joanie, the previous is the core of the issue.
if a significant rewrite is called for, what I would recommend is:
do it all in a branch (it could be an upstream gnome branch if you wanted)
finish it
test the heck out of it
and if it is everything you dreamed it would be, merge it into master
the older versions/releases will still be there
Yes, OK.

Anyone have any other questions for joanie?

on a related note heidi, we should probably see if there are many (any) commits since the last release

joanie: newbie question about GIT: if you delete an entire directory (say, theoretically, the ocfw directory) and merge it, how does that work? Do the directory get removed in master?

Ah, good idea.

if you git rm it yes

only in the new version john_

if you just rm it no

thanks

the old versions still have the deleted stuff.

so you can always get them back

heidi: to finish my last thought:

if there are a lot of uncommitted releases, we should branch

i.e. make a branch for version foo

so that master is the new stuff

anyhoo, didn't mean to take over your meeting (sorry!!!!). I'll go back to my corner until I'm needed. ;)

Ah, OK.

You're a huge help Joanie!

We appreciate all of your input!

yes yes huge help!

Should we move on to next steps?

Heidi look into the status of releases in the next week.

Sure,

#topic Next Steps

What is planned for the upcoming week?

im going to continue to work on docs..?

Also, are we planning to meet next Friday? Some of us will be in Denver?

Ah, I think that those who can, should meet. But yes, most of the profs may not be able to make it.

I think ghislop wont be able to make it

we can do a student meeting, if enough of us can meet

Heidi: do you know if Logan could make the meeting on Fridays if the time changed?

I don't know.

I don't know the hours he works for OIT.

Maybe a doodle poll?

that sounds good

I don't mind putting one together...

OK, thanks.

Should I look for another time on Friday?

Or open it up to other days?

both?

Yes, I would suggest both.

OK, I need to run. Sorry!

Bye

bye

Ok...it is almost 1:00

Any last thoughts?

when should we start reworking the framework?

It sounds like that is up to us.

you?

i think if we have at least two of us ready to code, we could start soon

then go go go ;)

I agree!
i would like someone I can bounce ideas off of?

on how to rewrite
darci -- do you know of any simple/easy Python projects I could do to learn Python?

I sure I can find some.

oops I didn't finish that

Why not throw ideas out to the group?
excellent idea
ok, ill try to put something together or mess around in a branch everyone can look at
I'm thinking via email, so that those you can (either because they have an idea and/or the time) will reply
"you" who
ok
yup, email is better, as it doesn't require checking in on a website

#action Darci will find John some easy Python projects to work on.
I'll do my best to respond
Me too
sounds good
From scratch (think of it as an assignment :) is fine, too, to start off
I can do that...
well i doubt any of us know how to use haars effectively enough to rewrite that part..
Ok...I need to head out. Anything else?
doesn't OpenCV have haars stuff built-in?
Could we just call on it?
yes, but we have mousetrap specific ones too
that aren't in opencv's goodfeaturestotrack
haars?
they are xml files with calculations used to create a template for tracking features
thx
I think I just found a page on it
#link http://opencv.willowgarage.com/wiki/FaceDetection
adjourn?
Yes...
#endmeeting