



# Squeak Update

Bert Freudenberg



Squeaker

elected SOB member

Etoys dev team lead

volunteer & freelancer



Squeaker *since 1997*

elected SOB member

Etoys dev team lead

volunteer & freelancer



Squeaker *since 1997*

elected SOB member *forever*

Etoys dev team lead

volunteer & freelancer



Squeaker *since 1997*

elected SOB member *forever*

Etoys dev team lead *since 2006*

volunteer & freelancer



# Squeak 4



# Squeak 4

Free  
Software



# Squeak 4

Free  
Software

Community  
Process





# MIT + Apache



# MIT + Apache

Apple  
1996



# MIT + Apache

Apple  
1996

OLPC  
2006-08



# MIT + Apache

Apple  
1996

OLPC  
2006-08

Squeak  
2010



# Squeak joins SFC



# Squeak joins SFC

Software  
Freedom  
Conservancy



# Squeak joins SFC

Software  
Freedom  
Conservancy

—  
Mercurial  
OpenChange  
Samba



# Squeak joins SFC

Software  
Freedom  
Conservancy

Twisted  
uCLibc  
Wine

[Donate](#)







# Trunk + Inbox



# Trunk + Inbox

no single  
gatekeeper



# Trunk + Inbox

no single  
gatekeeper

low barrier  
to contributing



2700  
Trunk + Inbox  
1000

no single  
gatekeeper

low barrier  
to contributing



4.1



4.1

Newspeak  
look



# 4.1

Newspeak  
look

Closures



# 4.1

Newspeak  
look

Closures

Modularity





# 4.2



# 4.2

## Packages



# 4.2

Packages

Documentation



# 4.2

Packages

Media

Documentation



# Etoys





# Etoys



OLPC



# Etoys



OLPC

Sugar



# Etoys



OLPC

Linux

Sugar

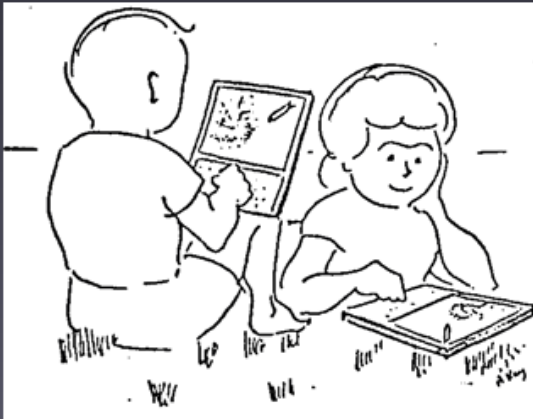




# Dynabook



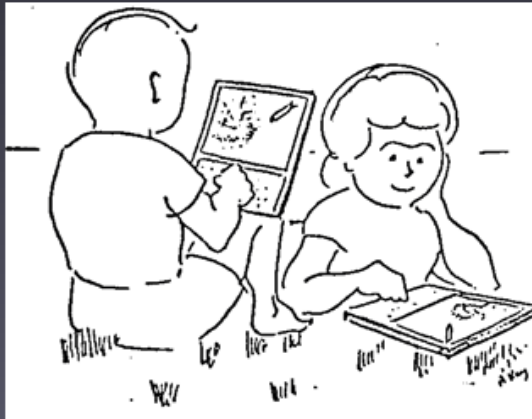
# Dynabook



1972



# Dynabook



1972



+35 years

# Squeakfest 2010





# Etoys 4.1



# Etoys 4.1

Monticello



# Etoys 4.1

Monticello

DrGeo



# Etoys 4.1

Monticello

DrGeo

RC @  
Camp Smalltalk





# GSoC



Ricardo  
(Argentina)

GSoC



Ricardo  
(Argentina)

GSoC

scientific  
diagrams



Ricardo  
(Argentina)

GSoC  
scientific  
diagrams

bubbles  
in 4.1

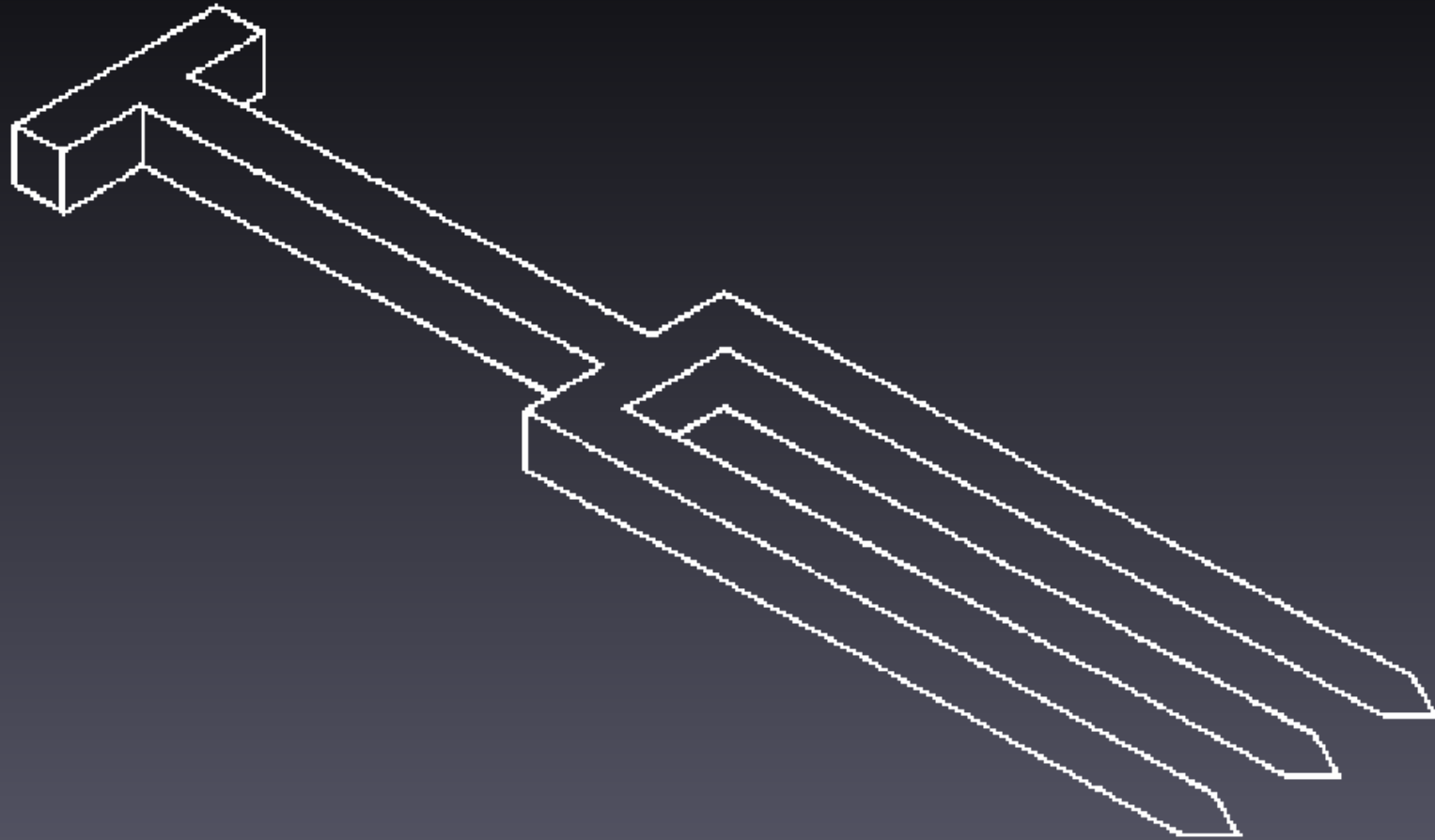


Ricardo  
(Argentina)

GSoC  
scientific  
diagrams

Yay!

bubbles  
in 4.1





# Future



# Future

Etoys





# Future

Etoys

Common  
kernel?



# Future

Etoys

Fun!

Common  
kernel?



balloon script1 ! ticking

balloon's target ← Book's page number - 1

balloon's target ← balloon's target / ( Book's number of pages - 1 )

balloon's target multiply by Book's width

Test balloon's x < balloon's target

Yes balloon's x increase by 1

No

Test balloon's x > balloon's target

Yes balloon's x decrease by 1

No

balloon's element number ← 1



Thank you

:-)