

.sk scene:
from past to present



KYBERIA SK

juraj, juraj@kyberia.sk
miro, pajkus@gmail.com
bon, bon@hysteria.sk

Slovakia

- Separated from western world by iron curtain until 1989
- Slovak state since 1993
 - Slovak and Czech scenes still highly interconnected
- Bratislava <-> Wien: 60km
 - How many of you have been in Bratislava?
 - Could you name at least one famous Slovak person?
- There is no border and we use the same currency.. so why is this the 1st time?

IT & Internet

- 1993 Zvolen<->Prahá 1st Internet connection
- Slovak Academic and Research Network, SIX peering point in Bratislava
- Testbed for new technologies
 - First Flarion implementation in the world by T-Mobile
 - Fibernet broadband up to 100Mbps for citizens (Orange)
 - 3G/HSDPA, broad coverage
 - Internet banking of Tatrabanka (Raiffeisen group) always "three generations" ahead

IT & Internet

- Support centres
 - Dell
 - HP
 - IBM, Lenovo
 - Accenture
- E-zines started with Netáčik
- Content aggregation project AllaNNet (there was no RSS at that time)
- From diskmags (like Vector) to e-zines

early hacking scene '93-'97

- irc channels (#cs)
 - some warez groups, early hackers
- SERT (Syrup Emergency Response Team) - 1995
 - first wordlists, rootkits, search bots
 - TASR (slovak press-agency) press release hacked on sep 18th 1996
 - SME (major newspaper site) defaced on nov 23rd 1996
- nov 1997 - hysteria.sk established (486 DX/100, 64MB RAM)
 - anonymous e-mail, shells, web proxy

CzERT (1996-1998)

- rootkits, scanners, tools, etc. published, all linux-based
- www.army.cz defaced on nov 3rd 1996
- ministries, banks, chat servers, etc. defaced in 1997
- sessions started
 - jan 17th 1998 session in prague monitored and stopped by police
- captain dastych



binary division (~2000)

- centered around the town Piestany
- culture and art mixed with hacking
- more defaced websites with some messages
- anti-dastych campaigns



Geezus!
It's that...
Dastych again!

hysteria

- prielom - e-zine on computer security
- regular session meetings (last one in october 2008), 2600 meetings
- somewhat failed attempt to be an independent source of opinions on computer security and privacy
- projects (brutalware, barcodes, wifi security, gsm localization services, etc)

end of hysteria.sk

- slovak telecom hack in 2003
- NBU (national security agency) hack in 2006
 - Servers confiscated by police
 - Ongoing investigation, court soon ;(



T-COM hack 2001-2003

- All parts of network compromised
- Two years without T-COM noticing anything
 - Company notified, no reply
- Yellow Pages (list of customers with all details)
 - made available online
 - contained lots of personal data (SSN, address, etc.)

nbusr123

- 25. april 2006
 - article published on blackhole.sk
 - heavy mainstream media coverage the next day
- nbusr123 was what most of the people took of it - even **NBU!**
- the primary security hole still unpatched several days after disclosure

nbusr123

- public part fully compromised (systems & network), core routers in SIX
 - NBU prefix null-routed after police raid
 - NBU claims they did it themselves :)
- 11 servers of webhosting company Websupport.sk confiscated
 - (blackhole.sk still operating, it was in a different location :)
 - 3400 customers affected, 3% of slovak web not working

nbusr123

- Public demonstration in front of ministry of interior



kyberia.sk

- community web, ~3000 active users
- alternative culture in art, music, technology, drugs, etc.
- administered by similar people as hysteria.sk and running on the same hw
- forum, K! system, blogs
- everything is a node
- topics ranging from cooking to interplanetary travel

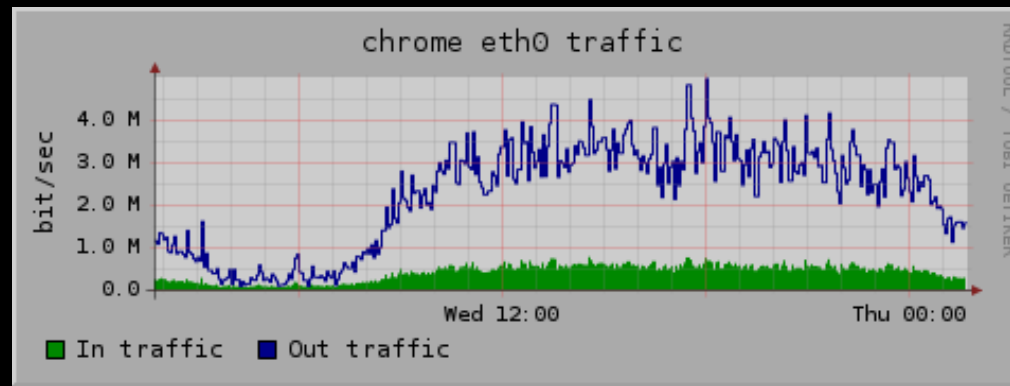


KYBERIA SK

kyberia.sk



- not similar to any other community or social networking site concept
- threaded (tree-like structure)
- source of various research projects
 - social interaction
 - self-organisation in communities
 - new trends in linguistics

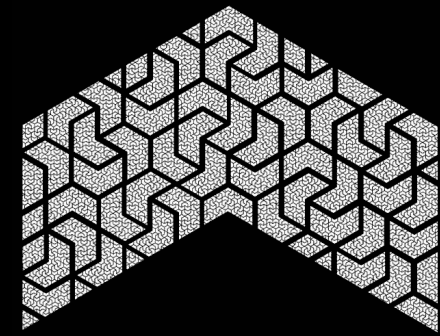


kyberia.sk

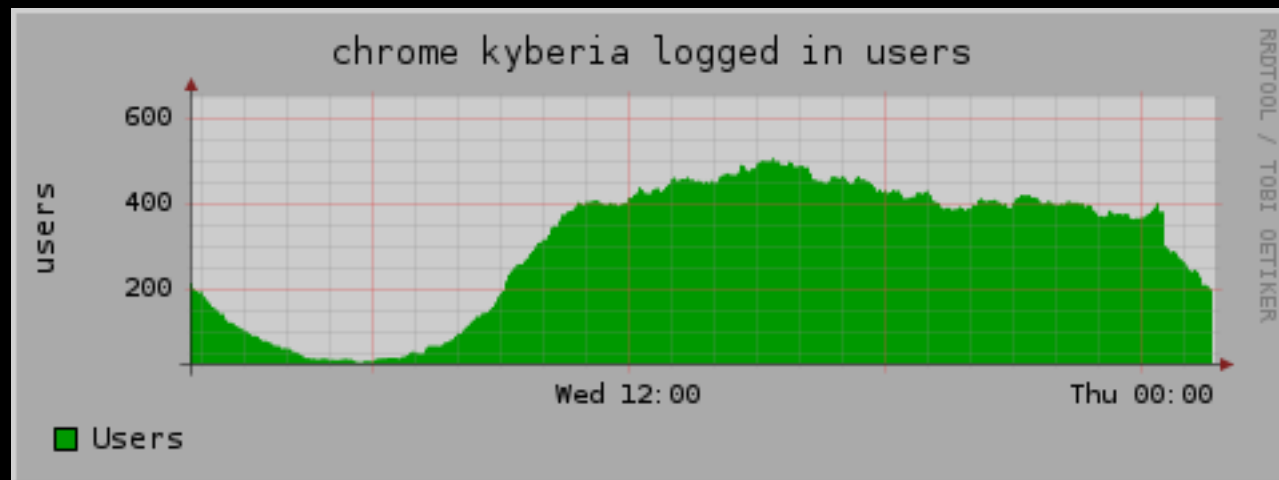


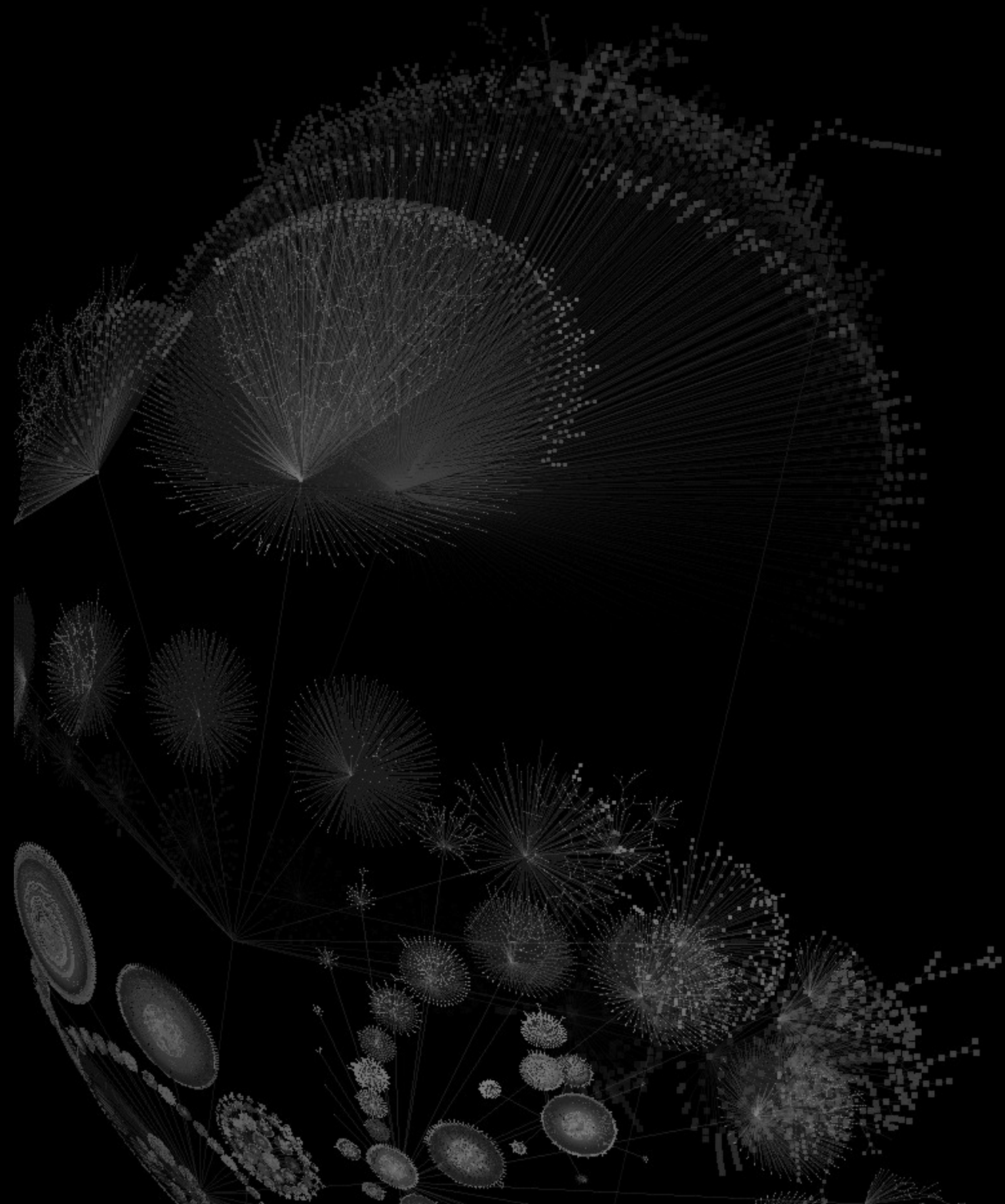
- runs on three servers hidden behind redirectors (few people know the actual location of servers)
- senate system of governance
- not relying on DNS system, because Bon remembers IP addresses of all elements and half of the Internet too (he has not converted to IPv6 yet:)

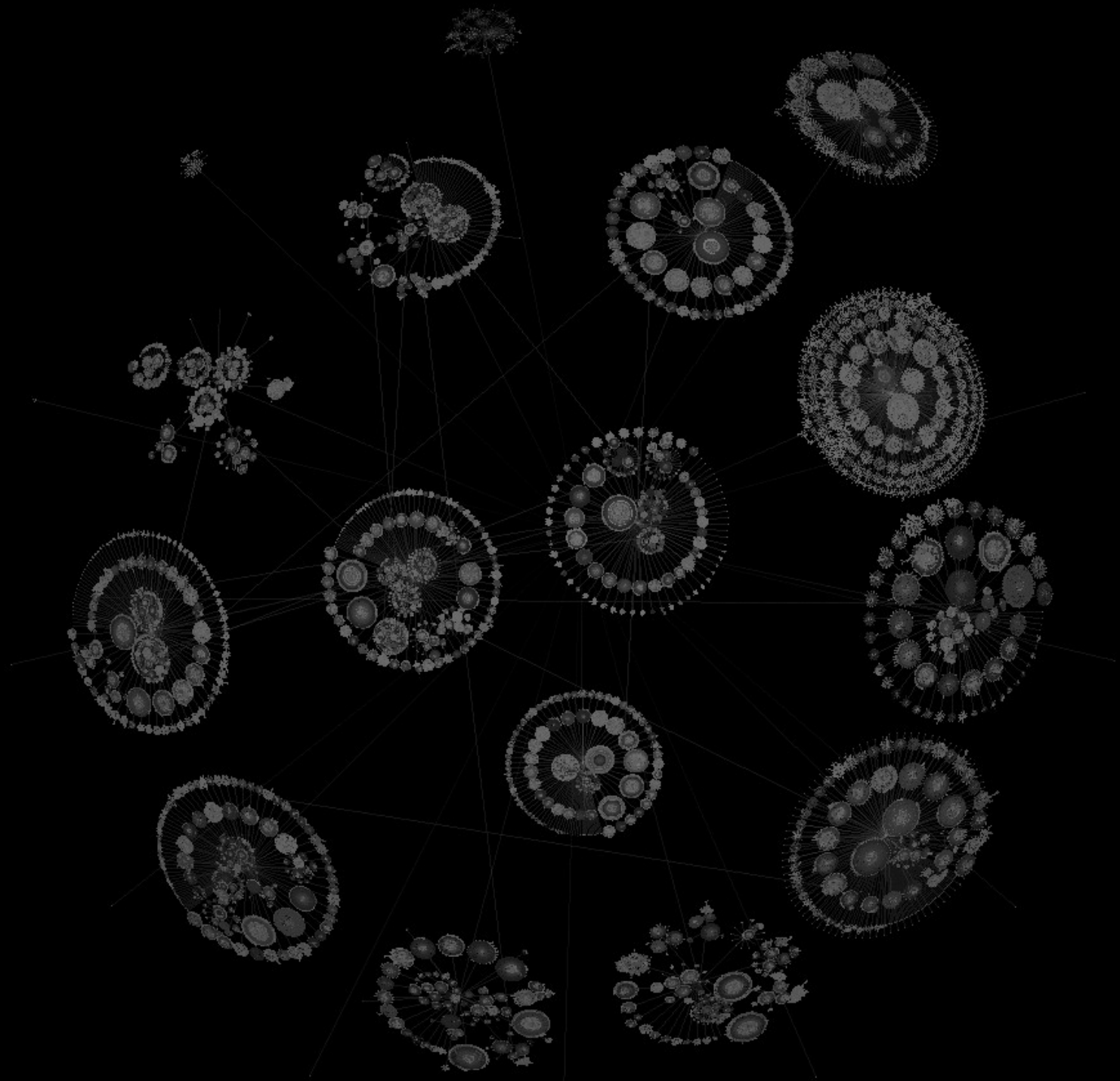
kyberia.sk



- relies on few donations and lots of spare time (+bandwidth, 220V and HW)
- 4 million nodes
- connected with real world by means of kyberia parties and various activities, friends IRL!





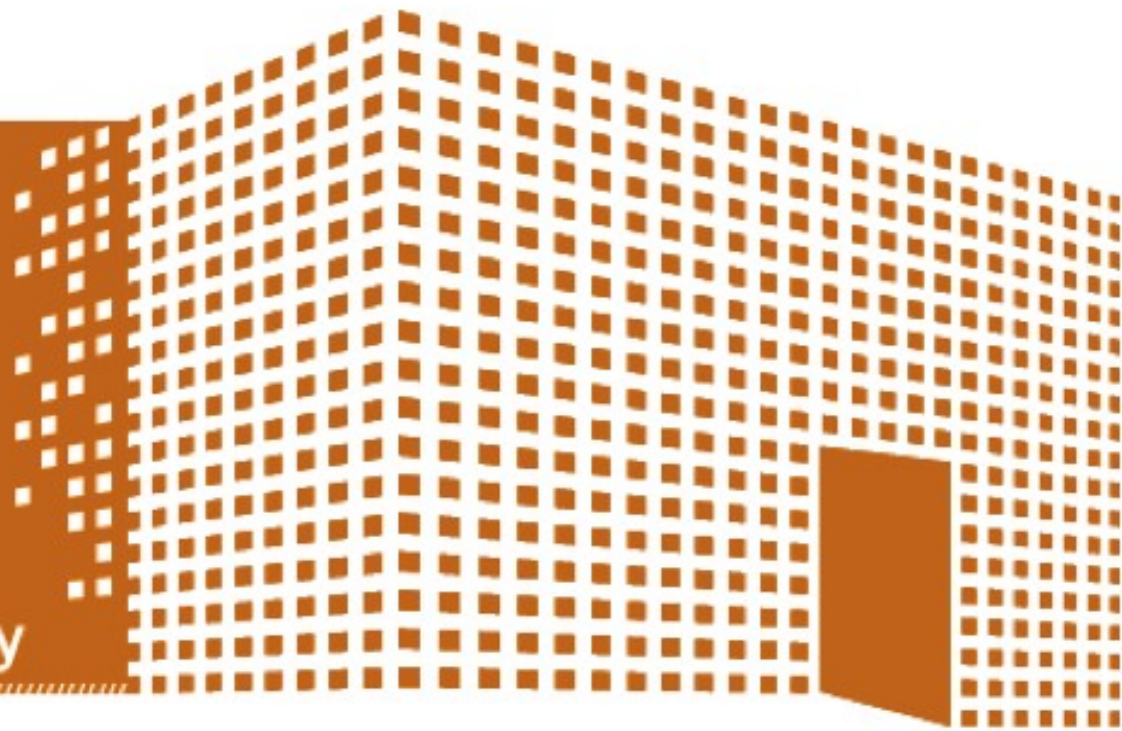


open source & software

- several contributors to open-source projects from Slovakia
- very strong localization project
 - helped managing global l10n efforts
- web technologies: Cyclone3, Kyberia1
- lots of smaller projects: DSSH, Sagator, AI software
- one notable commercial software: ESET Smart Security (formerly NOD antivirus)



centrum
súčasnej kultúry



10000 10000 10000 10000 10000 10000 10000 10000

Visions for the future

- Restart core.hysteria.sk
 - New HW already received
 - Old services and new users
- New projects
- Prielom eZine
- Cybergame in real-life
- Re-establish hysteria brand as an IT/security leader
- any ideas?

Further reading.

- Whole NBU coverage in english
 - <http://cypherpunk.cz/?p=300>
- <http://kyberia.sk>
- <http://hysteria.sk>
- <http://a4.sk>
- <http://blackhole.sk>
- SILCnet chan. hysteria
 - <http://www.silcnet.org>

Thank you

- Questions?

- Let's have a drink and some chat