

Nástroje a možnosti internetu

Úvodní organizační hodina

17. 9. 2021

Kdo jsem?

- Tomáš Marek
- marek@kisk.cz
- *na internetu poprvé v roce 1996/7*
- *stabilně od roku 1999+*

**V kterém roce (*zhruba*)
jste poprvé pracovali
s internetem?**

Kde se vzal?

- Man-Computer Symbiosis (*Joseph C. R. Licklider, 1960*)
- 1962 - *Galactic Network*
- DARPA – 1967 – ARPANET
- *time-sharing*
- *přepojování paketů*



The ARPANET in December 1969

Kde se vzal?

- *UCLA-SRI*
- LOGIN
- *„Hence, the first message on the Internet was 'LO' — as in 'Lo and behold!'. We didn't plan it, but we couldn't have come up with a better message: short and prophetic.“ - Leonard Kleinrock*

COMPANY

ADDRESS

IMP LOG

MONTH OF

ENGINEER IN CHARGE

COMPUTER SERIAL NO.

DATE	METER	PROBLEM & REMEDY	OPERATOR	DOWNTIME
29 Oct 69	1750	IMP1ST RUNNING - TESTING LINE TO UCSB - LINE IS OPEN SO 'B' REG IS COUNTING ERRORS BUT SHOULD CEASE COUNTING IF TEL. CO. GETS LINE FIXED.	T. TRACH	
		CHARLEY PLEASE CALL BEN AT SRI!		
29 Oct 69	2100	LOADED OP. PROGRAM FOR BEN BARKER BBV	CSK	
	22:30	Talked to SRI host to host	CSK	
		Left op. imp. programs running after sending a host dead message to imp.	CSK	
30 Oct 69	1030	Stopped op. prog started IMP1ST to trace line trouble on TGIW (UCSB)	T. TRACH	

CUSTOMER SERVICE

SDS-S-324

DEPARTMENT

LEONARD KLEINROCK

POLT BERANEK AND NEV
CONSULTING DEVELOPMENT

30 March 1970

2

FLOW

Kde se vzal?

- národní sítě, občasná mezinárodní spolupráce
- desítky let rozvoje technologií a protokolů
- e-mail (*Ray Tomlinson*)




Kde se vzal?

- pozdní 80 léta – první ISP
- komerční využití
- <https://theworld.com/> - 1989
- www – web – primární nástroj interakce na internetu
- *Tim Berners-Lee*

GNU Operating System - Free Software Foundation (FSF)

FSF | [FSF Europe](#) | [FSF India Translations](#) of this page

GNU Operating System - Free Software Foundation



[Free as in Freedom](#)

Welcome to the GNU Project web server, www.gnu.org. The [GNU Project](#) was launched in 1984 to develop a complete UNIX style operating system which is [free software](#): the GNU system. (GNU is a recursive acronym for "GNU's Not UNIX"; it is pronounced "guh-noo.") Variants of the GNU operating system, which use the kernel Linux, are now widely used; though these systems are often referred to as "Linux," they are more accurately called [GNU/Linux systems](#).

This is also the web site of the [Free Software Foundation](#) (FSF). FSF is the principal organizational sponsor of the GNU Project. FSF receives very little funding from corporations or grant-making foundations. We rely on support from individuals like you who support FSF's mission to preserve, protect and promote the freedom to use, study, copy, modify, and redistribute computer software, and to defend the rights of Free

Info

HyperMedia Browser/Editor

Version: 2.02 with libwww 2.16pre1

exercise in global information availability

original WorldWideWeb program by Tim Berners-Lee

Copyright 1990,91,93,94, TBL, CERN. Distribution restricted: ask for terms.

Text: Text which is not constrained to be linear.

Media: Information which is not constrained linear... or to be text.

This is a new version of the NextStep WorldWideWeb application with the libWWW library. Bug reports to timbl@info.cern.ch, quoting the version information above. Check the list of known bugs in the web too.

This was the original prototype for the World-Wide Web. Many browsers for other platforms now exist (Read the web for details). After many years lying fallow, this application has now sprouted images and nested HTML elements and things. If you have an Internet connection, then using "Help" under the Info menu will tell you all about this application. If you don't have an internet connection -- get one! :-)

If you want to be able to read news, you should set the name of your local news server in the preferences.

WorldWideWeb	Style	Document	Navigate	Find
Info	Copy style	Open file...	Back	Find Panel...
Navigate	Apply style	Open given document address	Next	Find Next
Document	Address	New file...	Previous	Find Previous
Find	Lists	Respond	Home	Enter Selection
Edit	Glossary	Save	Panel...	Jump to Selection
Links	Example	Save all edited windows	Links	
Style	Normal	Save a copy in	Mark all	
Print...	Heading 1	Inspect...	Mark selection	
Page layout...	Heading 2	Diagnostics)	Link to marked	
Windows	Heading 3	Miniaturize	Link to New	
Services	Heading 4	Open master template document	Unlink	
Hide	Format	Close all other windows	Link to file...	
Quit	Panel...	Close	Help	

Mark/Inspect

Selection Link destination Image

Change

Link selection to marked Insert image

relationship (none)

Marked:

Address:

Open



Dial-up SLIP [?] [X]

General

 Dial-up SLIP

Phone number:

Area code: Telephone number:

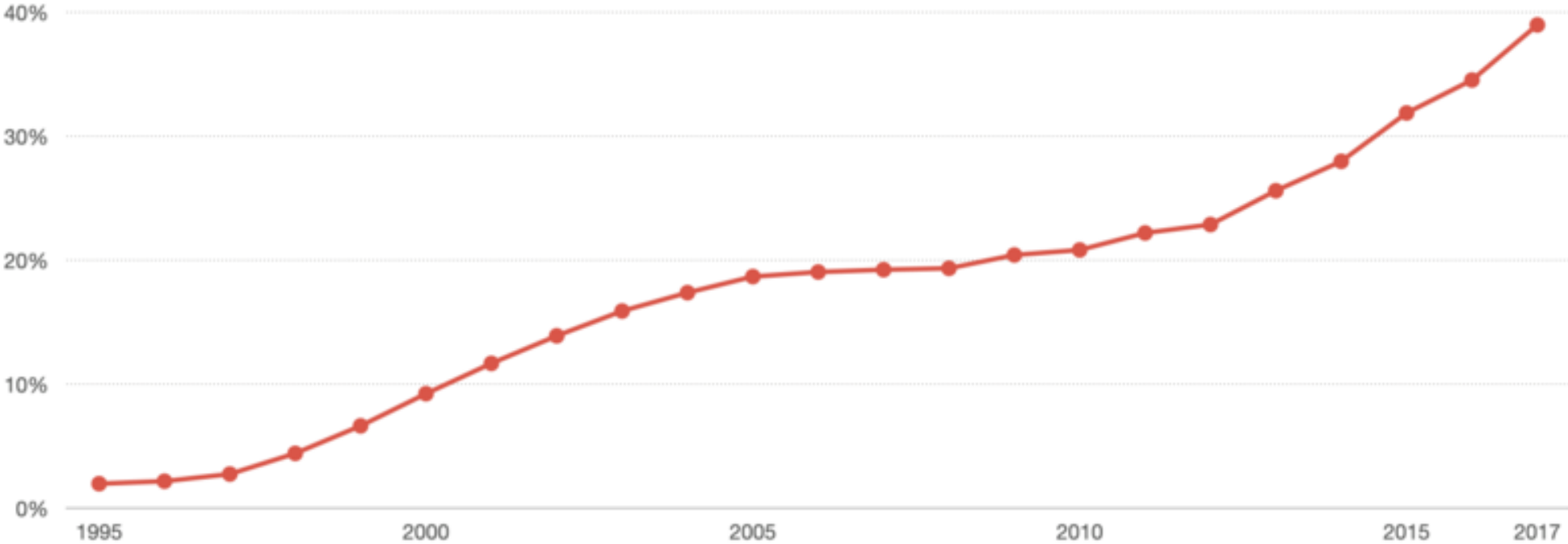
Country code:

Use country code and area code

Connect using:

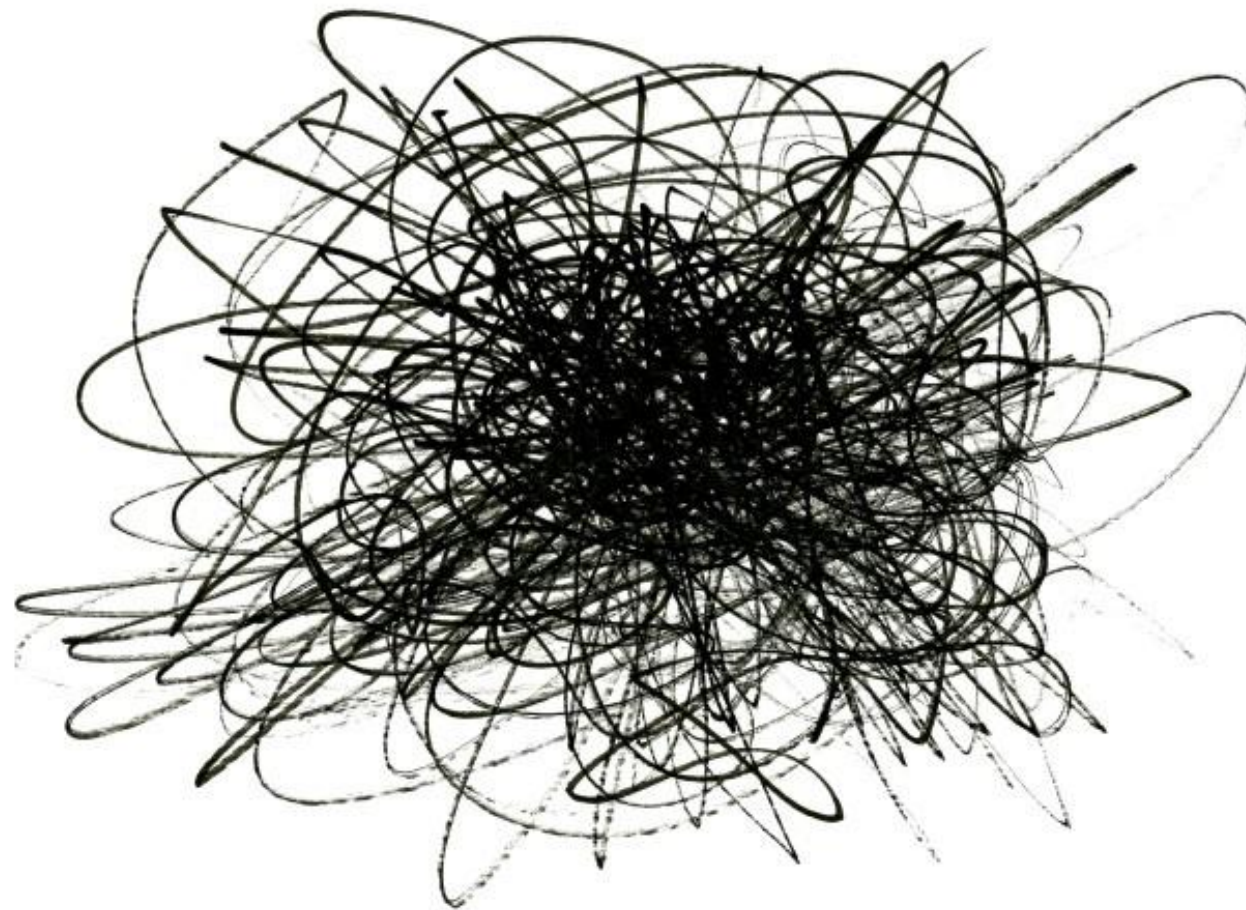


US heterosexual couples who met online, by year of meeting



Source: Stanford/GfK

Co čekáte?



Jak to pojme?

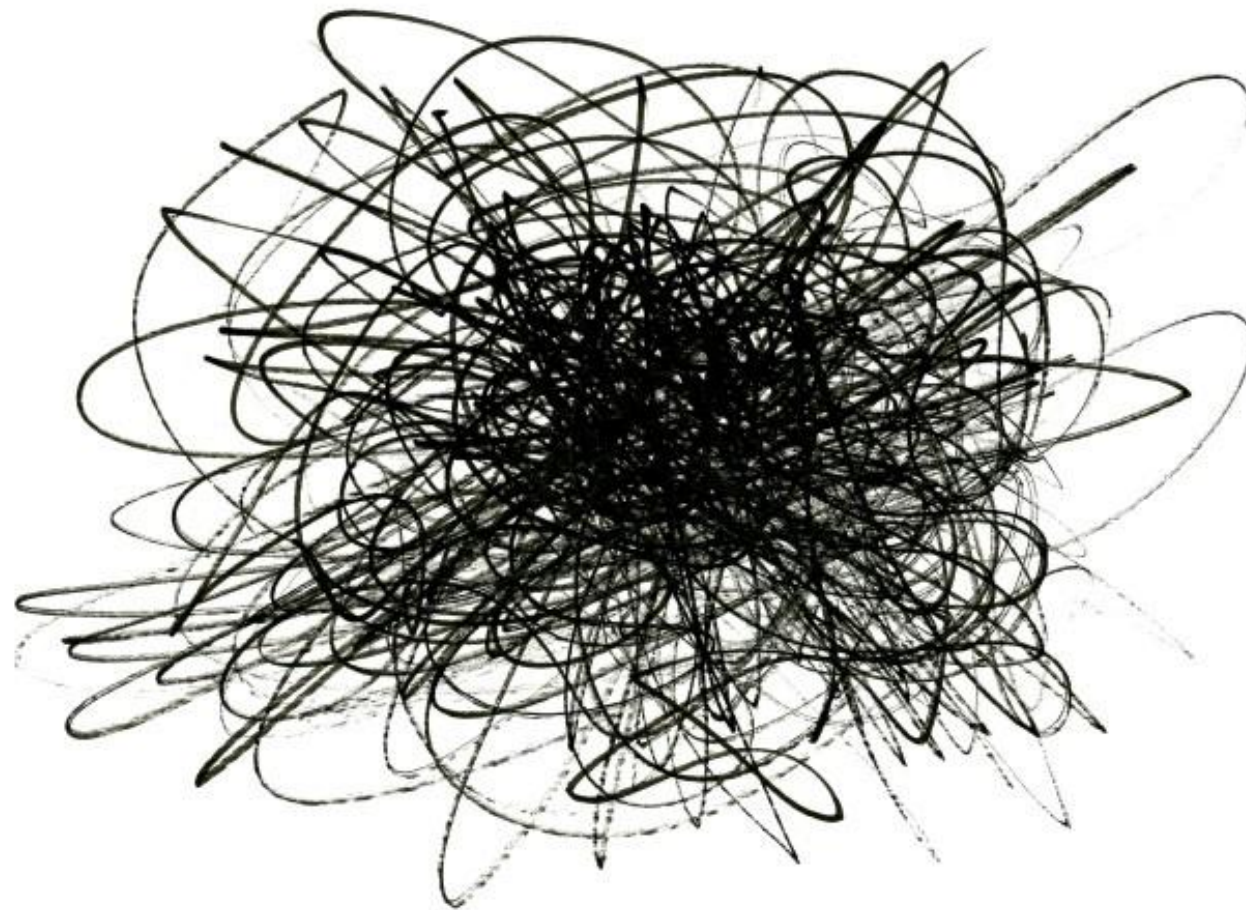
- **2005:** Předmět si klade za cíl uvést studenty do problematiky využívání sítě Internet a dostupných služeb. Podrobněji se zaměřuje na některé aktuální problémy služby World Wide Web. Studenti si procvičí vytváření HTML dokumentů pro službu WWW.

Jak to pojme?

- *základy, teorie, problematika*
- **aktuální témata**
- občasný nástrojový/technický přístup

- 1. Úvodní setkání
- 2. Síťová neutralita
- 3. Publikování na webu
- 4. Organizace webu
- 5. Rekompozice a demetrikace webu
- 6. Internet jako nástroj sledování I.
- 7. Internet jako nástroj sledování II.
- 8. Hlubší vrstvy Internetu
- 9. Sharing economy
- 10. Remixovat, propojit, seškrábat
- 11. Závěrečné setkání

Co vás zajímá?



Požadavky na ukončení

- Průběžné úkoly – *občasně mohou být*
- Závěrečná esej a rozprava nad ní
- *Nástrojový Barcamp*
- Docházka

Jak to bude?

- MS Teams + prezenčně
- **Interaktivní osnova**

internet / Internet

- pravidla českého pravopisu
- obecná počítačová síť = internet
- celosvětová informační a komunikační síť = Internet
- v angličtině to tak jednoznačné není

Domáci úkol



- A Declaration of the Independence of Cyberspace
- *John Perry Barlow*
- 1996 – *Communications Decency Act*