

WISCI 334

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# 1986 – Сурагч, ТОГЛООМ



# 1996 – ОюуТан

```
Starting MS-DOS...  
HIMEM is testing extended memory...done.  
C:\>C:\DOS\SMARTDRV.EXE /X  
C:\>ver  
MS-DOS Version 6.22  
C:\>_
```

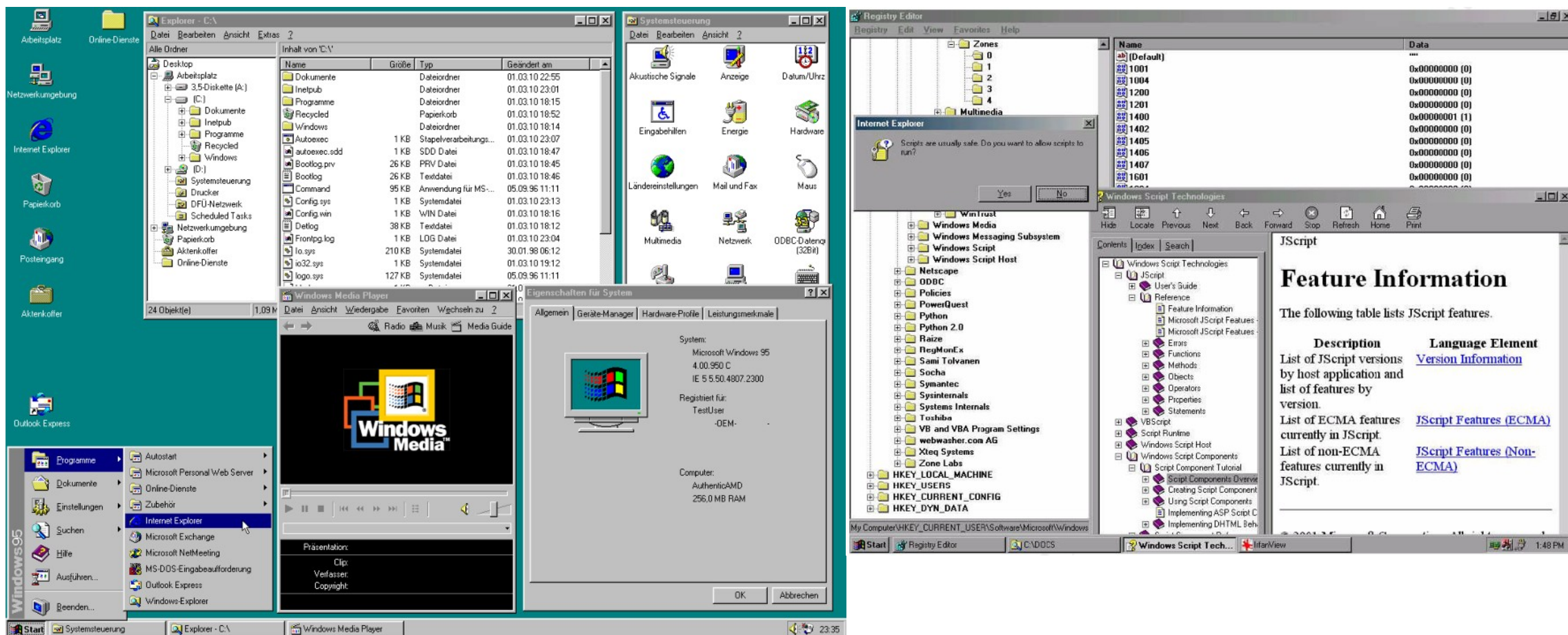


- 8086 – 256 interrupts

- INT 16h / AH = 00h - get keystroke from keyboard (no echo)
- INT 16h / AH = 01h - check for keystroke in the keyboard buffer
- INT 21h / AH=1 - read character from standard input, with echo
- INT 21h / AH=6 - direct console input or output
- INT 21h / AH=7 - character input without echo to AL
- INT 21h / AH=0Ah - input of a string
- INT 21h / AH=0Bh - get input status



# 1997 – Виндовс – regedit



# 1998 - Virus

- CIH – Chernobyl – 1024KB – FAT
- Die\_Hard – Memory 9232, +4000, 3, 11, 15, 28
- PE - Infection - Stealth – Resident – Payload
- COM vs EXE, Cavity (*PointerToRawData*)
- "MZ", e\_lfanew - offset 0x3C - NE



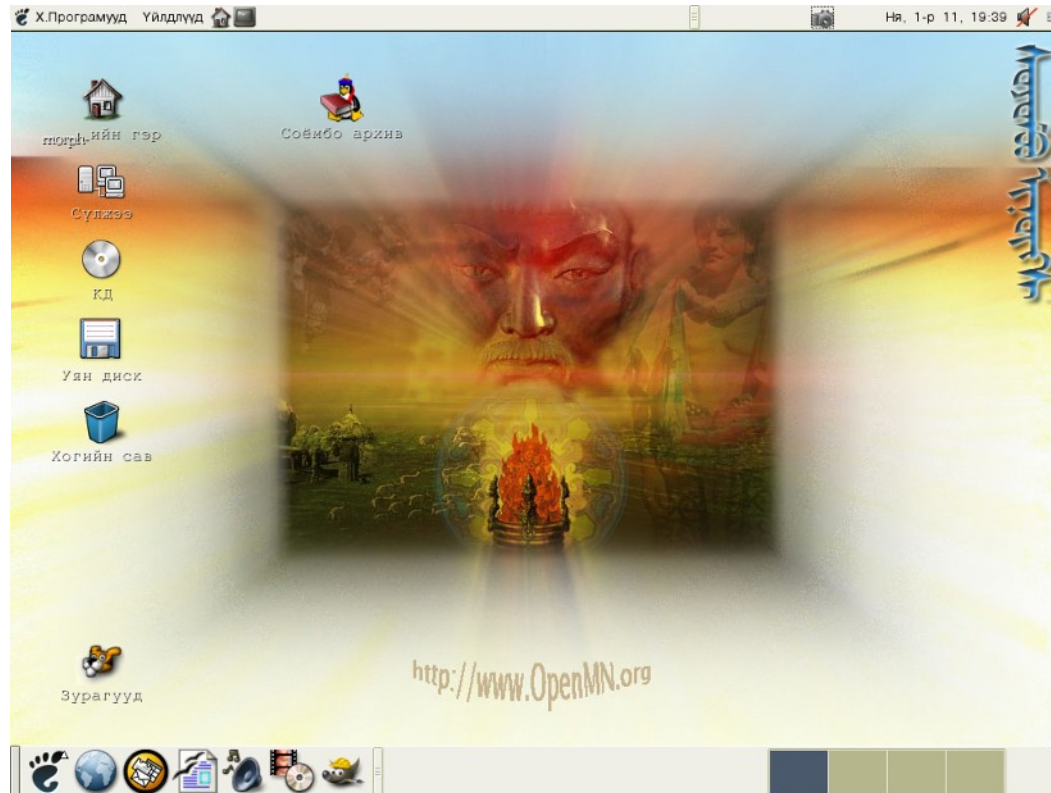
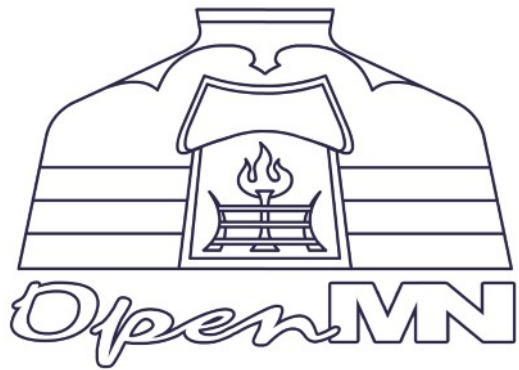
1999 - Compiler

CP compiler = C + Pascal

Assembler

# 2000-2003 - OS

- Alpha OS → Soyombo OS



# 2003-2008 - Security

- PHP

- Directory Traversal , RFI, LFI, IDOR, XSS, SQL Injection

- File Upload

- Magic Header Bytes, Embedding PHP Shell on PNG, path traversal



# 2008 – Linguistics

The screenshot shows the homepage of the Bolor dictionary website. The page has a yellow background and a logo on the left. The main content area is titled "NEWS" and contains several news items with dates and brief descriptions. On the right side, there is a sidebar with a search bar, a "Log in" button, and a "Forgot password" link. The overall layout is clean and professional.

The screenshot shows a web browser window displaying a Mongolian text editor. The browser's address bar shows the URL "http://www.bolor.mn". The main content area contains a text input field with the Mongolian text "Миний эх орон миний". Below the text input field, there is a dialog box titled "Андрэ шалгах" (Check spelling) with a dropdown menu set to "Монгол хэл". The dialog box has buttons for "Дуслэмж" (Check), "Дээрхүүг" (Up), "Доошгүй" (Down), and "Зог" (Stop). The browser's status bar at the bottom shows "Хуудас 1 / Өгөгдөл Монгол хэл INSRT STD 100% Хэсэг 1".

The screenshot shows an OpenOffice.org Writer document window. The document title is "OoO\_MongolBichigee\_v1.1 - OpenOffice.org Writer". The main content area displays the Mongolian text "Монгол бичгээр бичих дасгал 2." and "Монгол бичгээр бичих дасгал 3." with corresponding Mongolian characters. Below the text, there is a line of text: "Товчлуурт цохих товч: erden<sub>o</sub>yn sonin<sub>o</sub>u tal<sub>o</sub>yiin tal<sub>o</sub>yi". The document is displayed in a standard font and size, with a ruler at the top and a status bar at the bottom.

# 2013-2015 - NLP



**EDUGE.MN**  
Эдүгэ·Чухал·Мэдээ

Өнөөдрийн тренд  
болж буй эхний 3 мэдээг  
танилцуулж байна.


Өнөөдөр: **2016.02.02, Мягмар**  
Цаг: **19 цаг 30 минут**

- 1** IEM Taipei 2016: TheMongolz.CS  
401.5 аварга боллоо Урт мэдээ

© 2016.02.01 12:49:00  
Зөвөг мэдээлэл

news.gogo.mn  
Нийгмийн хандлага: **свармаг**

Спорт

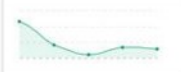

- 2** Монголын ирээдүй орчуулагч  
167 нарын гарт байгаагийн учир Нддтэн

МЭДЭЭ

© 2016.02.01 17:00:00  
Зөвөг мэдээлэл

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Нийгмийн хандлага: **зөвөг**

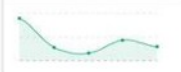
Боловсрол


- 3** Бага ангийн хүүхэд ХЭДЭН  
154.55 ЦАГТ орондоо орох ёстой вэ? Болж мэдээ

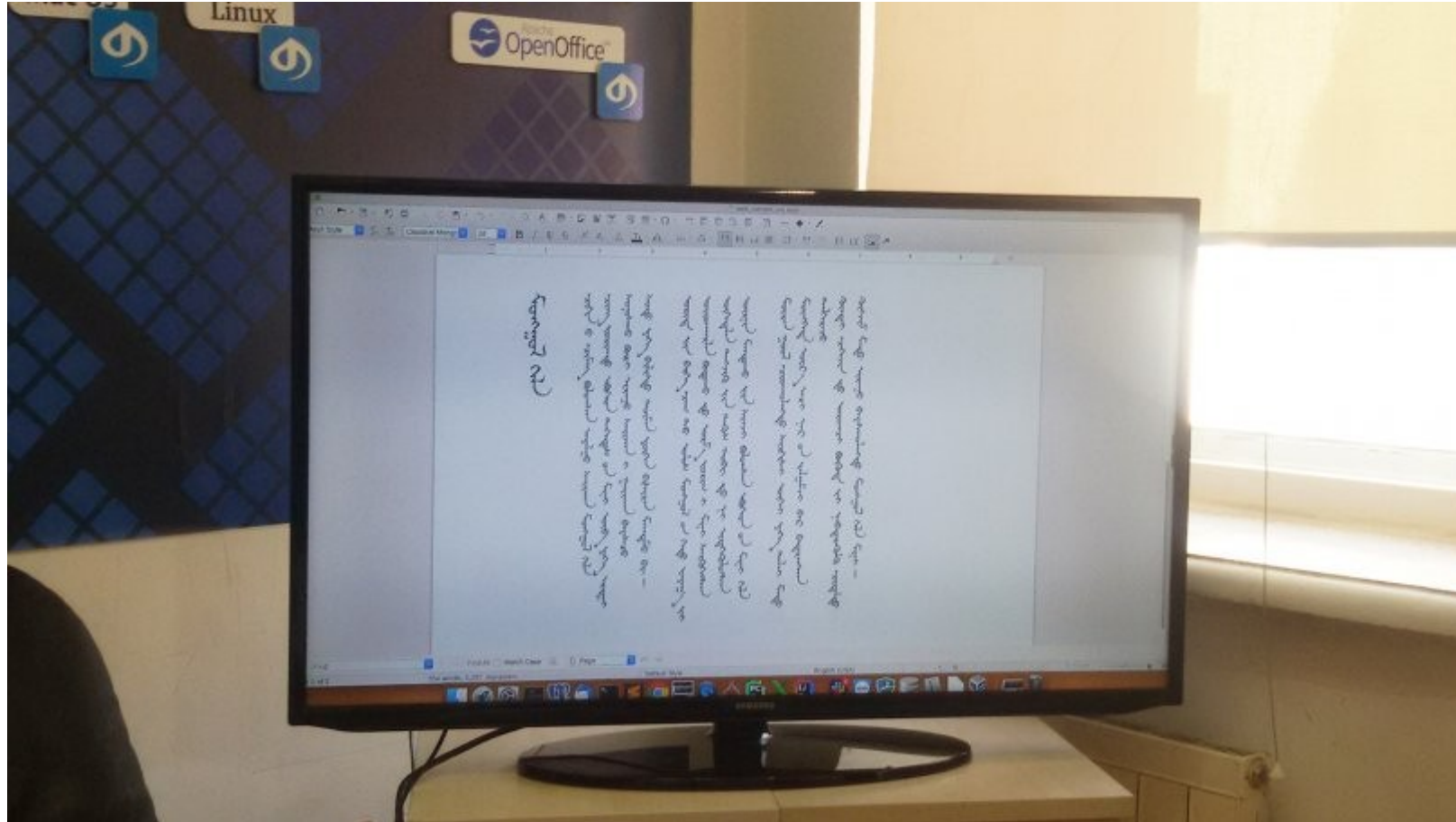
© 2016.02.01 14:50:00  
Сөрөг мэдээлэл

ikon.mn  
Нийгмийн хандлага: **сөрөг**

Боловсрол



# 2017 – Mongolian script



# 2019 – Chimege





2022-2024 - Egune, Egune Chat

