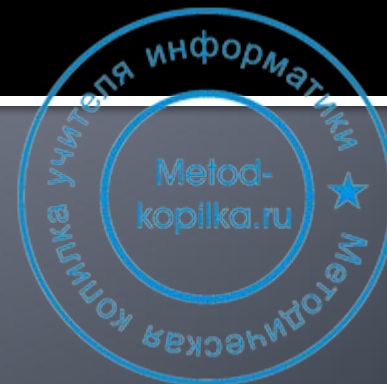


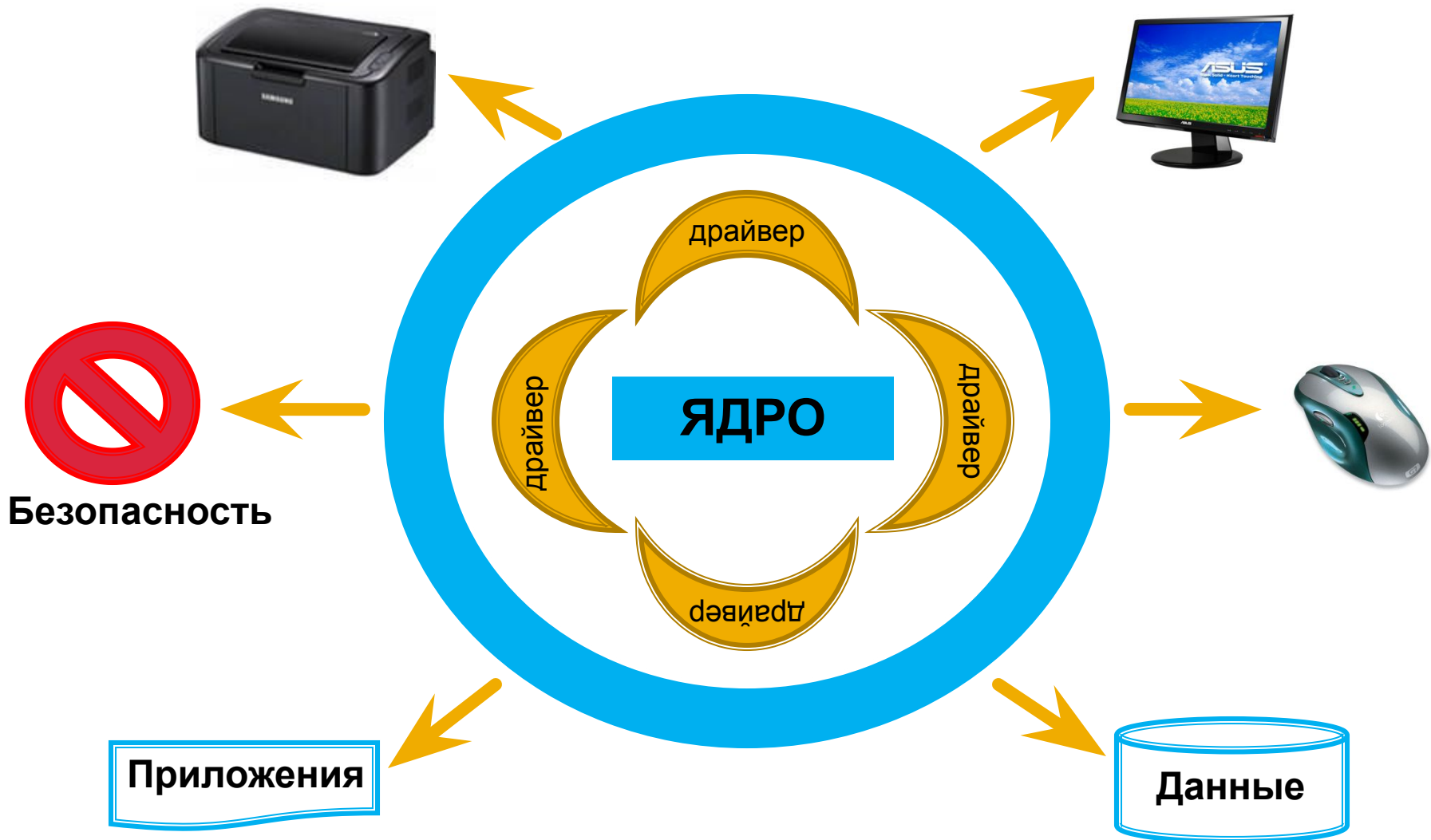
Тема урока:

*Операционная система.
Классификация
операционных систем.*



Операционная система -

это совокупность программ, которые предназначены для управления компьютером и вычислительными процессами, а также для организации взаимодействия пользователя с аппаратурой.



Командный интерфейс

Displays a list of files and subdirectories in a directory.

```
DIR [drive:][path][filename] [/P] [/W] [/A[:attributes]] [/O[:sortord]]  
  [/S] [/D] [/L] [/C[H]]
```

[drive:][path][filename] Specifies drive, directory, and/or files to list.

/P Pauses after each screenful of information.

/W Uses wide list format.

/A Displays files with specified attributes.

attributes D Directories R Read only files H Hidden files
S System files A Files ready to archive - Prefix meaning "not"

/O List by files in sorted order.

sortord N By name (alphabetic) S By size (smallest first)

E By extension (alphabetic) D By date & time (earliest first)

G Group directories first - Prefix to reverse order

C By compression ratio (smallest first)

/S Displays files in specified directory and all subdirectories.

/B Uses bare format (no heading information or summary).

/L Uses lowercase.

/C[H] Displays file compression ratio; /CH uses host allocation unit size.

Switches may be preset in the DIRCMD environment variable. Override preset switches by prefixing any switch with - (hyphen)--for example, /-W.

C:\>_

Графический (оконный) интерфейс



Однозадачные ОС

MS DOS

The screenshot shows the MS-DOS File Manager interface. At the top, there is a menu bar with options: Plik(i), Dysk, Pomoc, Panel, Utworz, Podstawowe, Widok, and the time 19:13:42. Below the menu bar is a command menu with options like '0 programie', 'Odsuiez widok', 'Odsuiez ekran', and various keyboard shortcuts for screen and video settings. The main area displays a list of files and directories with columns for 'Czas' (Time), 'Nazwa' (Name), 'Rozmiar' (Size), 'Data' (Date), and 'Na' (Attributes). The list includes entries like '..', COLORS, SSAVERS, XLT, bsa.zip, and various .dn files. At the bottom, there are two status bars showing 'Brak zaznaczonych plikow' (No files selected) and '2,147,155K bajtow wolnych na D:' (2,147,155K free space on D:).

Czas	Nazwa	Rozmiar	Data	Na
15:20	..	NadKatalog	14-02-02	dn
3:13	COLORS	PodKatalog	14-02-02	dn
3:14	SSAVERS	PodKatalog	14-02-02	dn
3:14	XLT	PodKatalog	14-02-02	dn
7:42	bsa	zip	76,740	24-01-02 dn
0:51	dn	arh	870	16-02-02 dn-ui
3:05	dn	bmp	2,814	18-02-02 dnhel
4:06	dn	cfg	3,196	15-02-02 dnpl-
4:33	dn	con	1,778	19-04-99 dnpl-
5:53	dn	dlg	60,221	16-02-02 dnpl-
0:26	dn	doc	172,771	8-07-97 dnpl-
7:46	dn	dsk	1,400	18-02-02 dosqu
1:50	dn	edt	92	8-04-97 file_
1:50	dn	ext	2,393	8-04-97 overv
9:07	dn	flg	1	18-02-02 overv
1:50	dn	hgl	5,095	8-04-97 readh
19:04	dn	his	1,115	18-02-02
4:53	dn	hlp	110,253	14-02-02
1:50	dn	ico	766	8-04-97
15:53	dn	lng	17,519	16-02-02
20:05	dn	mnu	1,505	16-02-02

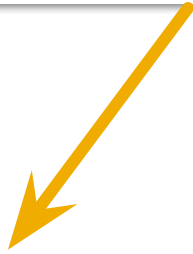
Многозадачные ОС



WINDOWS

UNIX

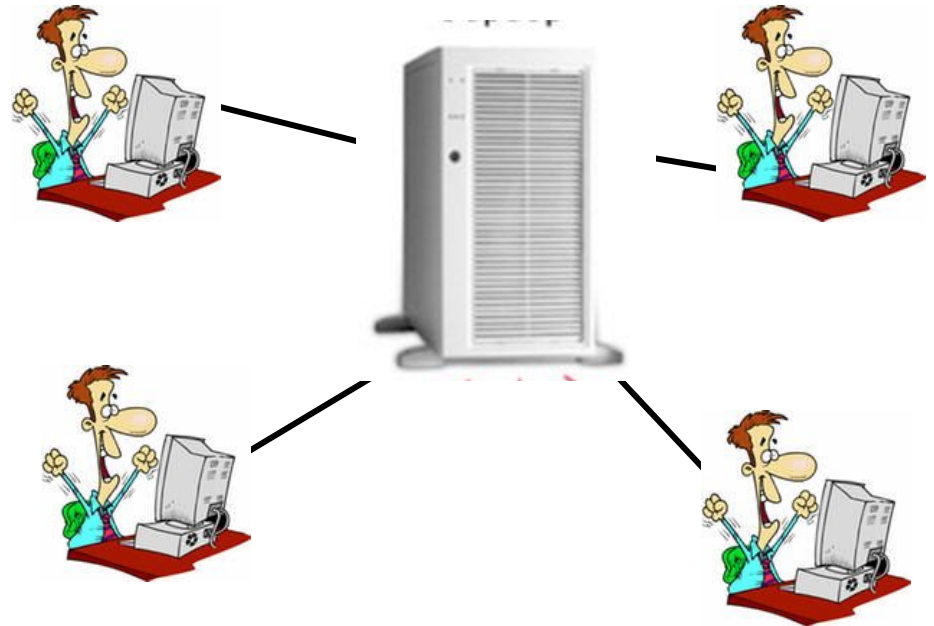
Операционные системы



Однопользовательские



Многопользовательские



История операционной системы WINDOWS

