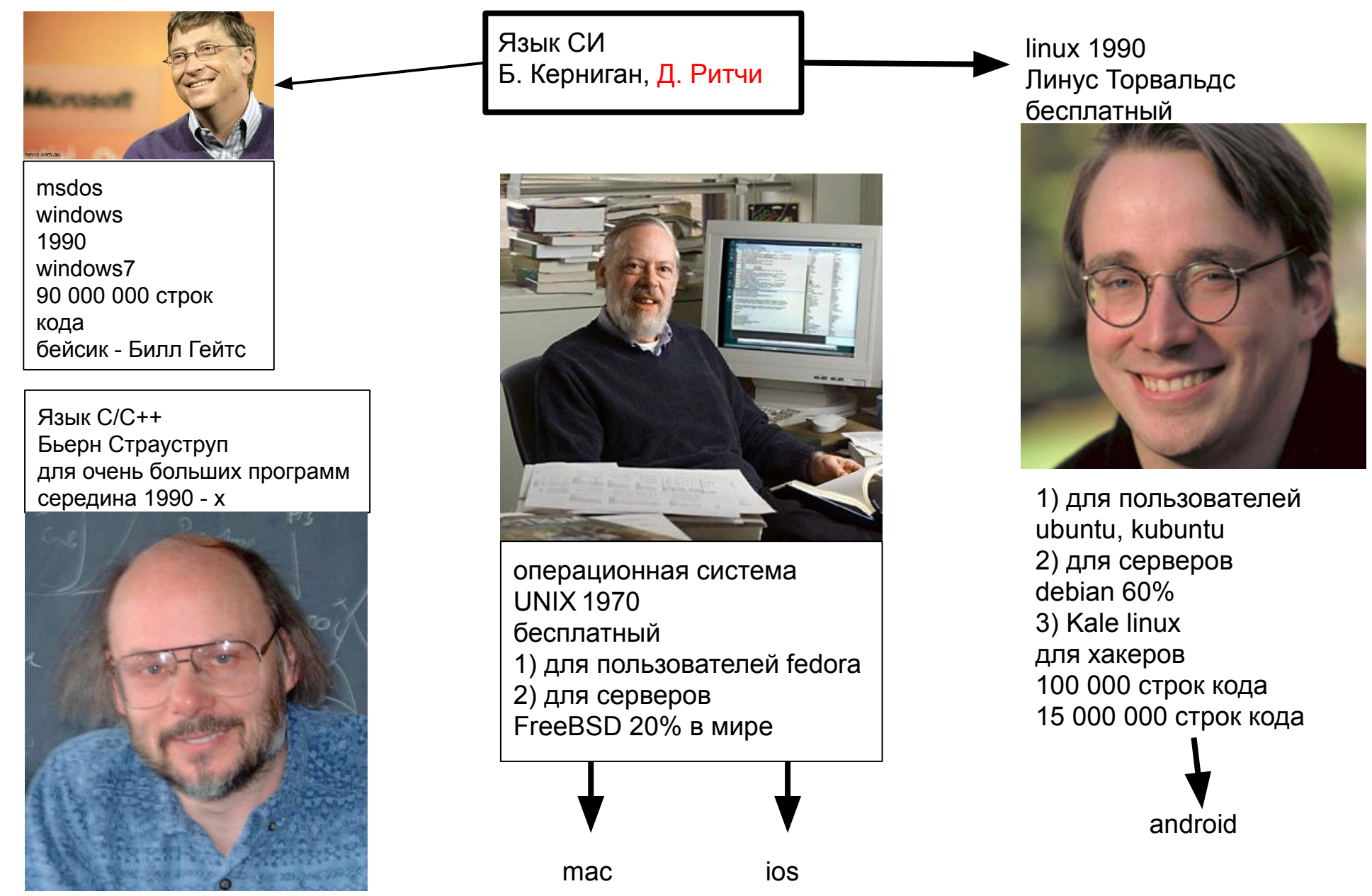


Human languages 1000 words 20000 words

Prograaming languages 20 words hundreds - excess

## СИСТЕМНОЕ ПРОГРАММИРОВАНИЕ



1. var variable declaration
2. = assign
3. + plus
4. - minus
5. \* multiplication
6. / division
7. % getting the remainder of the division
8. if conditional operator
9. else conditional operator
10. { begin
11. } end
12. for loop
13. while loop
14. break interrupt cycle
15. continue interrupt cycle step
16. function repeatedly call the block of code
17. return get result of function work
18. && and
19. || or
20. ! negative
21. == equally
22. < less
23. > more
24. array
25. recursion

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9. { begin
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11. def repeatedly call the block of code
12. return get result of function work
13. && and
14. || or
15. not negative
16. == equally
17. < less
18. > more
19. list
20. recursion

How many lines of code does it take to program them

Apollo 11  
145,000

Mars Curiosity Rover  
2,500,000

Android operating system  
12,000,000

Large Hadron Collider (CERN)  
50,000,000

Self-driving car  
300,000,000

## WEB- ПРОГРАММИРОВАНИЕ

КЛИЕНТСКОЕ (в браузере)	СЕРВЕРНОЕ (на самом сайте) база данных, фотки, видео	
JavaScript	Python Ruby Erlang	PHP - самый популярный, самый простой в усвоении и самый в разработке  C/C++
Flash (это графическая библиотека)	JAVA (SUN => Oracle) приложения мобильных устройств, серверную часть	
Actionscript (javascript от microsoft)	C# (JAVA от microsoft)	

