



The Design of Colossus

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M17-510

Glossary

To encipher

Glossary

To encipher – to convert a text into a coded form

Glossary

To encipher – to convert a text into a coded form–
кодировать, шифровать (syn – to code)

Glossary

Enciphered message

Glossary

Enciphered message – шифрованное
сообщение

Glossary

Attain

Glossary

Attain – succeed in achieving

Glossary

Attain – succeed in achieving (syn – achieve, gain) – достигать

Glossary

Annal

Glossary

Annal – a record of the events of one year

Glossary

Annal – a record of the events of one year –
летопись, хроника

Glossary

Cumbersome

Glossary

Cumbersome – large and heavy

Glossary

Cumbersome – large and heavy (syn – bulky) –
громоздкий

Glossary

To supersede

Glossary

To supersede – to take the place of

Glossary

To supersede – to take the place of (syn – replace) - заменять

Glossary

Versatile

Glossary

Versatile – able to be adapted to many functions

Glossary

Versatile – able to be adapted to many functions –
многофункциональный

Glossary

Variable

Glossary

Variable – able to assume different numerical values

Glossary

Variable – able to assume different numerical values – переменный

Glossary

Predecessor

Glossary

Predecessor – a thing that has been replaced by another

Glossary

Predecessor – a thing that has been replaced by another (syn – precursor, forerunner) –
предшественник

Glossary

Notable

Glossary

Notable – worthy of attention or notice

Glossary

Notable – worthy of attention or notice (syn – remarkable) – заметный

Glossary

Switchboard

Glossary

Switchboard – an apparatus for connections between electric circuits

Glossary

Switchboard – an apparatus for connections between electric circuits – коммутатор

Glossary

Punched tape

Glossary

Punched tape – a paper tape perforated according to a code

Glossary

Punched tape – a paper tape perforated according to a code – перфолента

Glossary

Adroit

Glossary

Adroit – clever or skillful

Glossary

Adroit – clever or skillful – ловкий

Glossary

Precarious

Glossary

Precarious – not securely held or in position

Glossary

Precarious – not securely held or in position –
(syn – uncertain) – сомнительный

Glossary

Sustenance

Glossary

Sustenance – nourishment

Glossary

Sustenance – nourishment – питание, средства к
существованию

Glossary

Consternation

Glossary

Consternation – a feeling of anxiety or dismay

Glossary

Consternation – a feeling of anxiety or dismay –
ужас, испуг

Glossary

Anticipate

Glossary

Anticipate – expect or predict

Glossary

Anticipate – expect or predict – предвидеть

Glossary

Intermittent

Glossary

Intermittent – occurring at irregular intervals

Glossary

Intermittent – occurring at irregular intervals (syn –
spasmodic, uneven) – скачкообразный,
прерывистый

Glossary

Hectic

Glossary

Hectic – full of frantic activity, relating to a fever

Glossary

Hectic – full of frantic activity, relating to a fever
(syn – frantic) – лихорадочный

Glossary

Elation

Glossary

Elation - great happiness and exhilaration

Glossary

Elation - great happiness and exhilaration –
восторг, экзальтация

Glossary

To Commence

Glossary

To Commence – to begin

Glossary

To Commence – to begin – начинать (syn - start
off)

Glossary

Prodigious

Glossary

Prodigious - remarkably or impressively great in extent, size, or degree

Glossary

Prodigious - remarkably or impressively great in extent, size, or degree – удивительный, огромный

Questions

Who was the author of the article?

Questions

When was the Colossus constructed and put into service?

Questions

What type of tape was used to represent the cipher text?

Questions

What are the main differences of a Colossus from its predecessors?

Questions

Why was the machine called the Colossus?

Questions

What feature of a modern computer did not have the Colossus?

Questions

Who prepared tapes and operated the Colossus machines?

Questions

Which machine appeared earlier — Colossus or Turing's ENIAC?



Thank you!