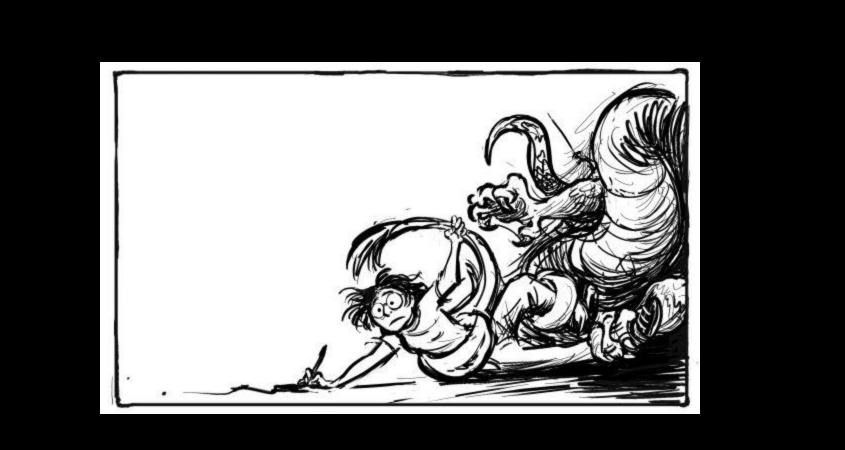
IMAGINARY ENGINES

The Thrilling Adventures of

Lovelace and Babbage







LASH ETITANS

LOST IN OUR WORLD, FOUND IN ANOTHER.

DISNEP

JOHN CARTER



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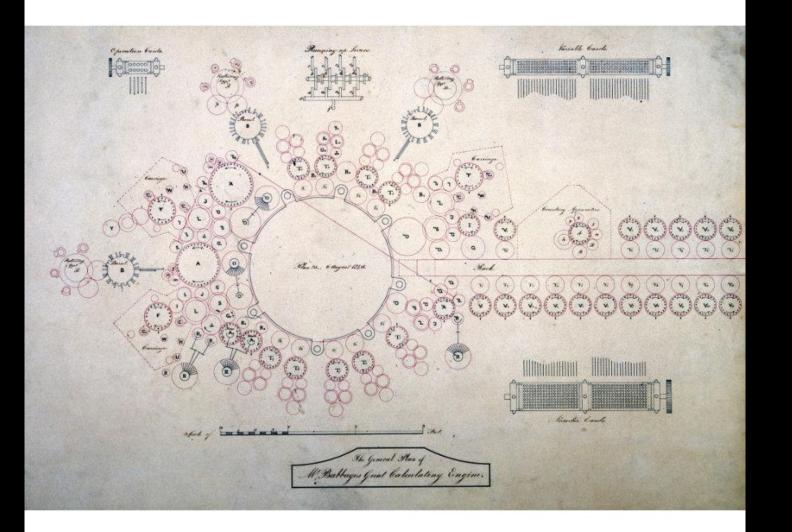














In 1842, Ada Lovelace wrote the first paper on computer science, and published the d first computer program, for Babbage's unbuilt design for a punchcard-run mechanical computer, the Analytical Engine.



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Ugh, that's a terrible ending! Actually what happened was, Lovelace and Babbage lived on and built a giant calculating Engine and used it to FIGHT CRIME and HAVE ADVENTURES!







sydneypadua.com presents a hideous mutant offshoot



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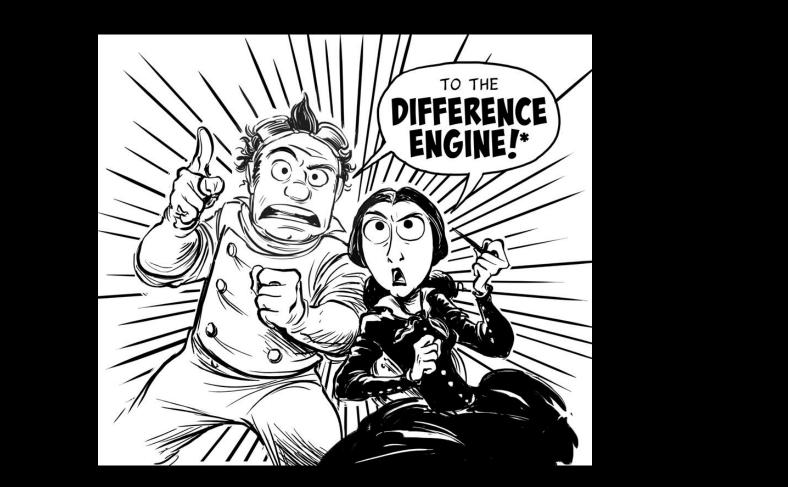
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Lovelace and Babbage Vs The Client Pt 3

Published at: 12:08 pm - Friday August 21 2009

My purpose in this episode is get all the computer gags out of the way.







IN THE NEXT THRILLING EPISODE OF LOVELACE AND BABBAGE!



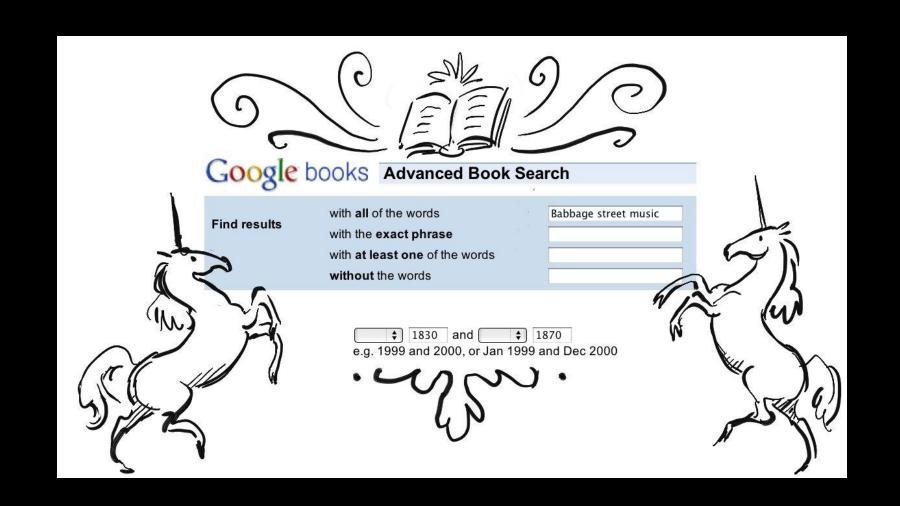
PRECIOUS, PRECIOUS NOTSES! - not a whole lot of notes for the first part, though if you want to read the actual training methods of Victorian Organ Grinder's

monkeys this is fairly horrifying. So, historical accuracy on the psycho monkeys. — mostly this episode (this whole story, really) is grown from a spore that implanted itself in my brain from The Ninth Bridgewater

Treatise. It's a bit hard to explain what this is.. let's turn to the ever-invaluable Google Books, shall we? First, the Bridgewater Project:

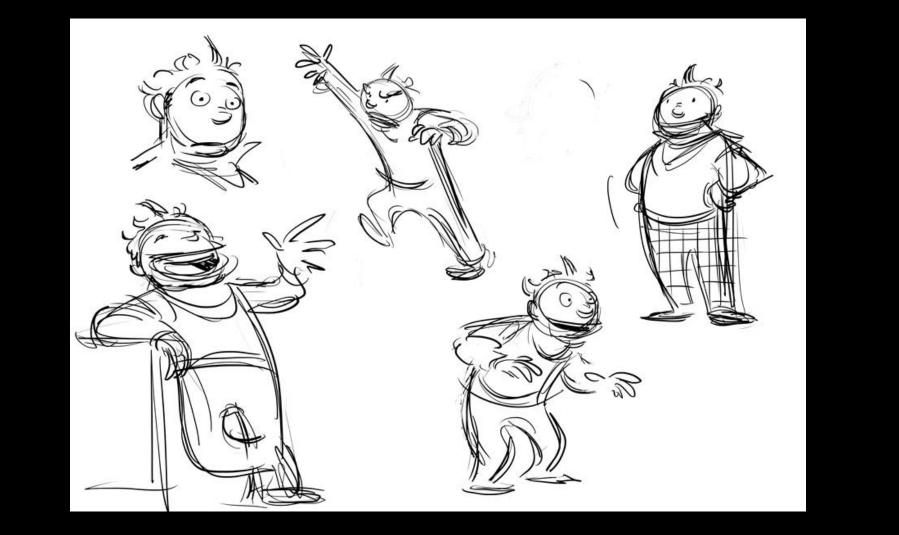
THE series of Treatises, of which the present is one, is published under the following circumstances:

The RIGHT HONOURABLE and REVEREND FRANCIS HENRY, EARL of BRIDGE-WATER, died in the month of February, 1829; and by his last Will and Testament, bearing date the 25th of February, 1825, he directed certain Trustees therein named to invest in the public funds the sum of Eight thousand pounds sterling; this sum, with the accruing dividends thereon, to be held at the disposal of the President, for the time being, of the Royal Society of London, to be paid to the person or persons nominated by him. The Testator further directed, that the person or persons selected by the said President should be ap-



eminent, so as to deserve the title of Lions, Cambridge was strongly, worthily, and ably represented in the persons of Airy the astronomer, Whewell the mathematician and mineralogist, Sedgwick the renowned champion of geology, Babbage the logarithmetical Frankenstein. Each Society of London had sent forth its deputies; Davies Gilbert and children from the Royal Seciety, - Brown-the boast of the

electrical experiments. Kenyon acknowledged Lady Lovelace to be a woman of remarkable intellect, but she was too mathematical for his taste. "Our family are an alternate stratification of poetry and mathematics," Lady Lovelace used to say. Babbage thought that if he was blind he could write poetry; "and I should take for my subject the description of an intellectual inferno," he said. It was difficult to associate poetry in any form with Babbage-he was so eminently practical. He told me that he never allowed himself to lose any time.





No. XXIV.

FANCY PORTRAIT OF THE GENTLEMAN WHO HAS BEEN HONOURABLY MENTIONED BY PRINCE ALBERT!

"HONOURABLY MENTIONED, INDEED! IS THAT ALL? SCANDALOUS!"



"You non't say so!"-Mr. Nazro has concluded to give lessons in biblical elecution hereafter, at the reduced price of ten thousand dollars per annum? On ren!-It is said, that Ada Byron, the sale daughter of the "noble

bard," is the most coarse and vulgar woman in England! "ANOTHER-AND YET ANOTHER !"-A new monthly magazine is in contemplation, under the editorial direction of Charles Hoffman.

JAM JEHAM NIMA .- John Howard Payne is in New-Orleans, collecting subscribers for his contemplated periodical. DIVORCES.-An Albany paper says that the number of divorces in the

United States amount to two thousand a year!

the same process would be repeated. If, however, any mistake had been made by the attendant, and a wrong logarithm had been accidentally given to the engine, it would have discovered the mistake,

and have rung a louder bell to call the attention of its guide, who on looking at the proper place, would see a plate above the logarithm he had just put in with the word "wrong" engraven upon it.

ine first computes and punches on By such means it would be perfectly possible to

make all calculations requiring tabular numbers,

ers. These are brought to it by led. But the engine itself takes brought to it by verifying the number of that card by the number of the card which it demanded. The Engine will always reject a wrong card by

omputed and punched by itsen.

without the chance of error. continually ringing a loud bell and stopping itself until supplied with the precise intellectual food it demands.

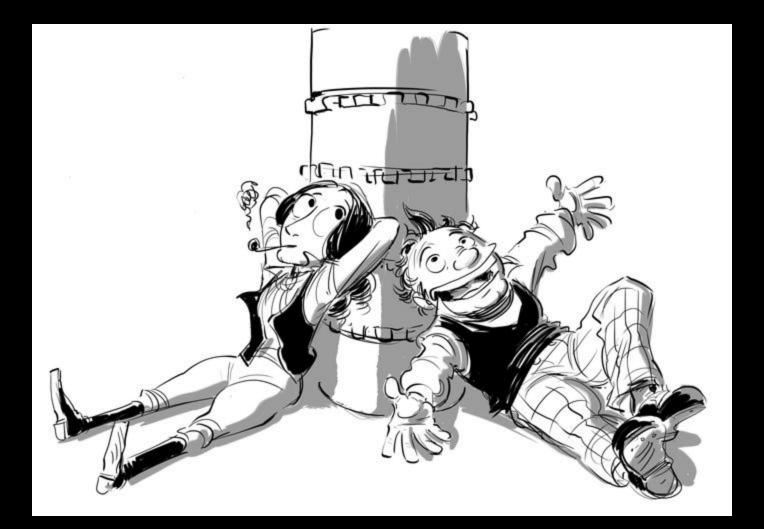
It will be an interesting question, which time only can solve.





After he got up to go, by some chance of conversation the late Lady Love-lace's name (Lord Byron's daughter 'Ada') was mentioned; he knew her intimately and spoke highly of her mathematical powers, and of her peculiar capability—higher he said than of any one he knew, to prepare (I believe it was) the descriptions connected with his calculating machine. (I fear I am not ex-

pressing myself rightly here as to the precise nature of the subject he mentioned):



The Analytical Engine

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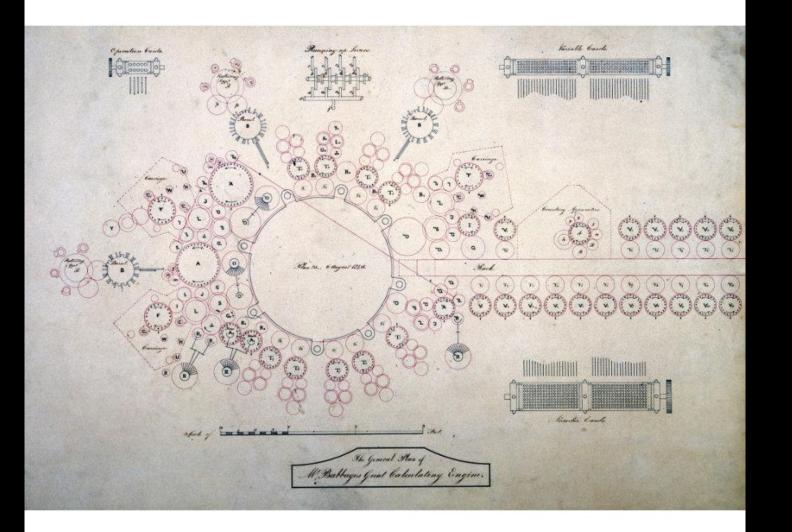
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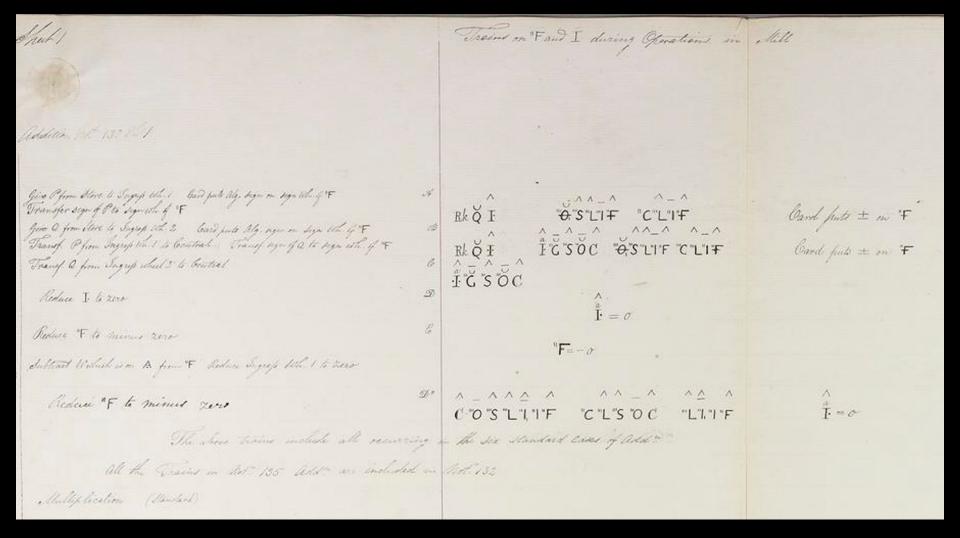
Mark Spiritson

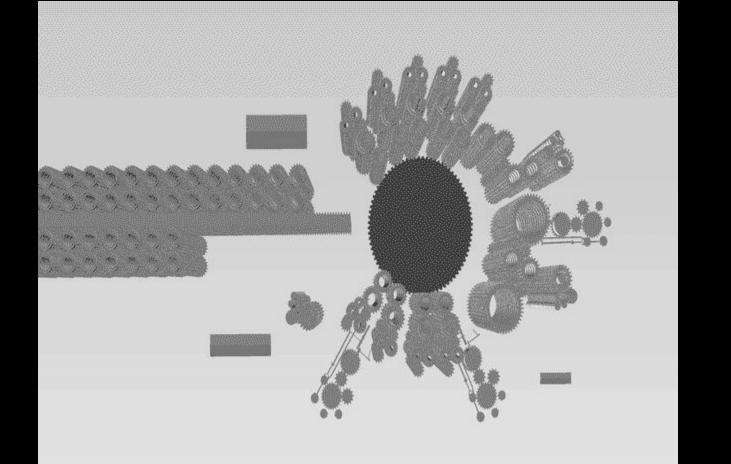


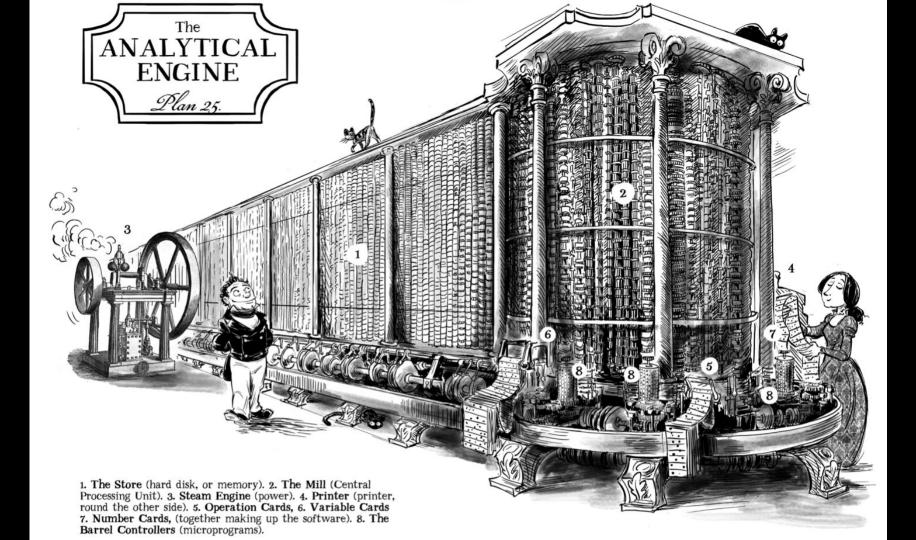


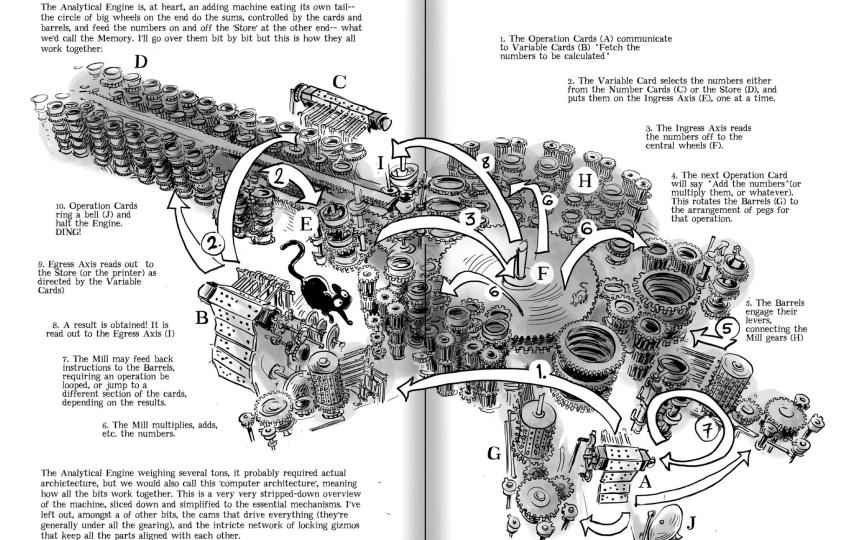














FIRST NOTIONS OF LOGIC.

10

U and Y.

and A in which B is the subject. Thus neither of the four following lines is inconsistent with itself.

Some A is not B and Every B is A
Some A is not B and No B is A
Some A is not B and Some B is A

We find then, including converses, which are not identical with their direct propositions, six different ways of asserting or denying, with respect to agreement or non-agreement, total or partial, between A and, say X: these we write down, designating the additional assertions by

Some A is not B and Some B is not A.

A Every A is X
U Every X is A

Identical.

[No A is X]
I {Some A is X}
O Some A is not X
Some X is A
V Some X is not A

We shall now repeat and extend the table of page 8 (A), &c., meaning, as before, the denial of A, &c.

From A or (O) follow A, (E), I (O)

From E or (I) (A), E, (I), O, (U), Y

From I or (E) (E) I

From O or (A) (A), O

From U or (Y) (E) I,

From Y or (U) (U) Y

U (Y)

Having thus discussed the principal points connected with the simple

perhaps (I speak doubtfully) Maria Agnesi, has wrestled with difficulties and shown a man's strength in getting over them. The reason is obvious: the very great tension of mind which they require is beyond the strength of a woman's physical power of application. Lady L. has unquestionably as much power as would require all the strength of a man's constitution to bear the fatigue of thought to which it will unquestionably lead her. It is very well now, when the subject has not entirely engrossed her attention; by-and-bye when, as always happens, the whole of the thoughts are continually and entirely concentrated upon them, the struggle between the mind and body will begin. Perhaps you think that Lady L. will, like Mrs. Somerville, go on

idea of applying the cards had occurred; and the Analytical Engine does not occupy common ground with mere "calculating machines." It holds a position wholly its own; and the considerations it suggests are most interesting in their nature. In enabling mechanism to combine together general symbols, in successions of unlimited variety and extent, a uniting link is established between the operations of matter and the abstract mental processes of the most abstract branch of mathematical science. A new, a vast, and a powerful language is developed for the future use of analysis, in which to wield its truths so that these may become of more speedy and accurate practical application for the purposes of mankind than the means hitherto in our possession have rendered possible. Thus not only the mental and the material, but the theoretical and the practical in the mathematical world, are brought into more intimate and effective connexion with each other. We are not aware of its being on record that anything partaking in the nature

the idea of a thinking or of a reasoning machine.

We will touch on another point which constitutes an important distinction in the modes of operating of the Difference and Analy-

of what is so well designated the Analytical Engine has been hitherto proposed, or even thought of, as a practical possibility, any more than