

Standards: who cares? (why care?)



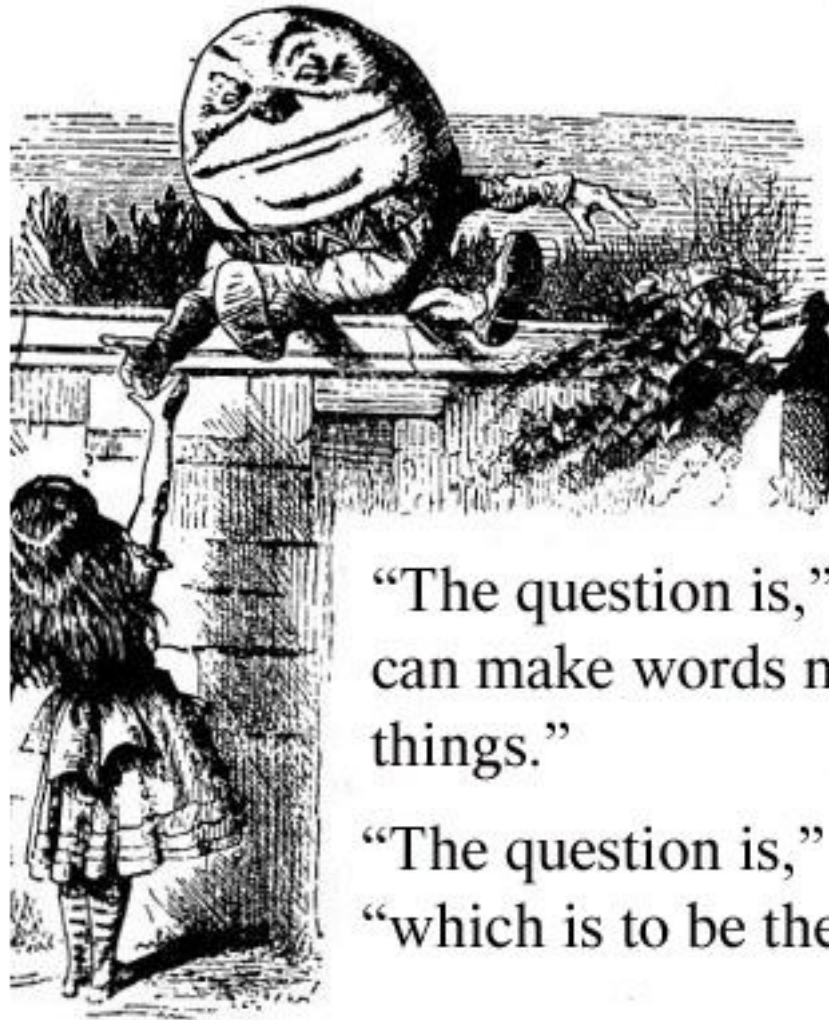
Being an Illustrated Guide to Events of Significance in the Regulation of Social and Scientifick Affairs from the Earliest Period to the Present Day, Showing their Effects in Human Progress, including a Proposal for Further Advancement under the Leadership of the Duke of Java.

Patrick Curran: Chair, Java Community Process (patrick@jcp.org)

<http://jcp.org>



Language



“When I use a word”,
Humpty Dumpty said
in a rather scornful tone,
“it means just what
I choose it to mean -
neither more nor less.”

“The question is,” said Alice, “whether you
can make words mean so many different
things.”

“The question is,” said Humpty Dumpty,
“which is to be the master - that’s all.”

Currency



A Modest Proposal



“He’s the CEO of MegaBrowser, Inc.
They don’t support XML standards.”

Time...



And Space



Navigation



Weights...



And measures



Guilds



Hallmarks



Printing



Health...



And safety





Commerce

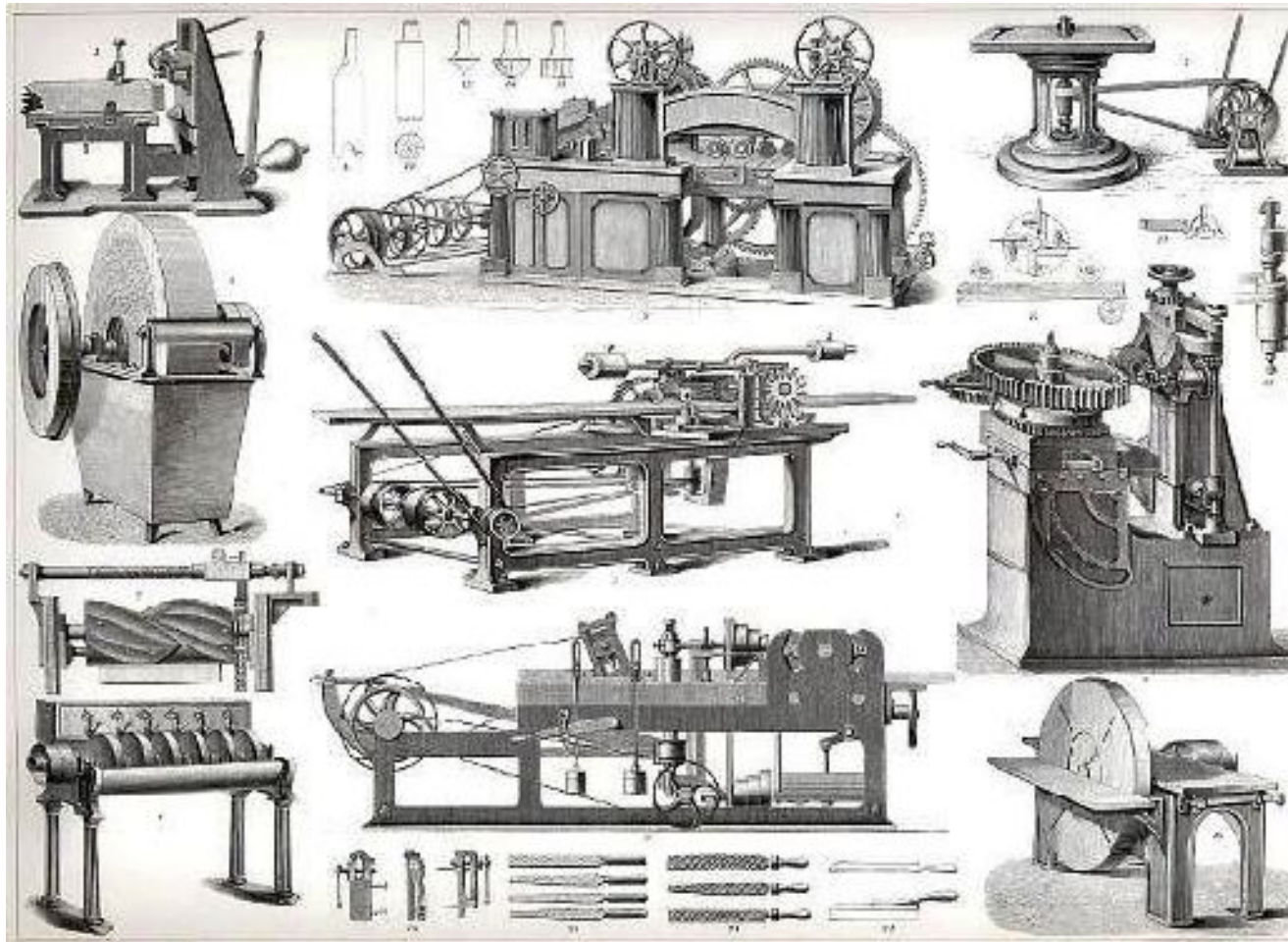


L. Dodgson		L. Dodgson		L. Dodgson	
Jan 13	20	20	110	110	
Jan 14	20	20	110	110	
Jan 15	50	50	110	110	
Jan 20	20	20	110	110	
Feb 8	5 11	5 11	110	110	
Feb 9	40	40	110	110	
Feb 10	20	20	110	110	
Mar 5	6 10 7 11	6 10 7 11	110	110	
Mar 11	10	10	110	110	
Mar 18	14 11	14 11	110	110	
Mar 21	3 14 14	3 14 14	110	110	
Mar 27	30	30	110	110	
Mar 31	10	10	110	110	
Apr 27	20 18	20 18	110	110	
May 20	5 19 3	5 19 3	110	110	
May 23	30	30	110	110	
May 25	10	10	110	110	
May 30	10	10	110	110	
Jun 24	60	60	110	110	
Jun 27	5	5	110	110	
Jun 30	50	50	110	110	
July 1	7 14 6	7 14 6	110	110	
July 1	5 6	5 6	110	110	
July 2	6	6	110	110	

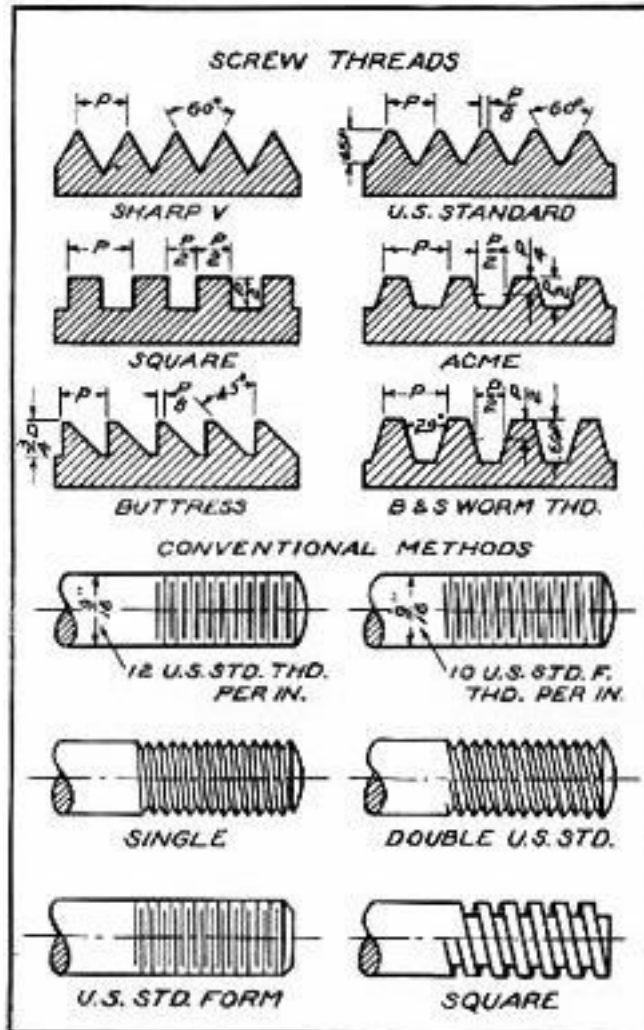
Industry



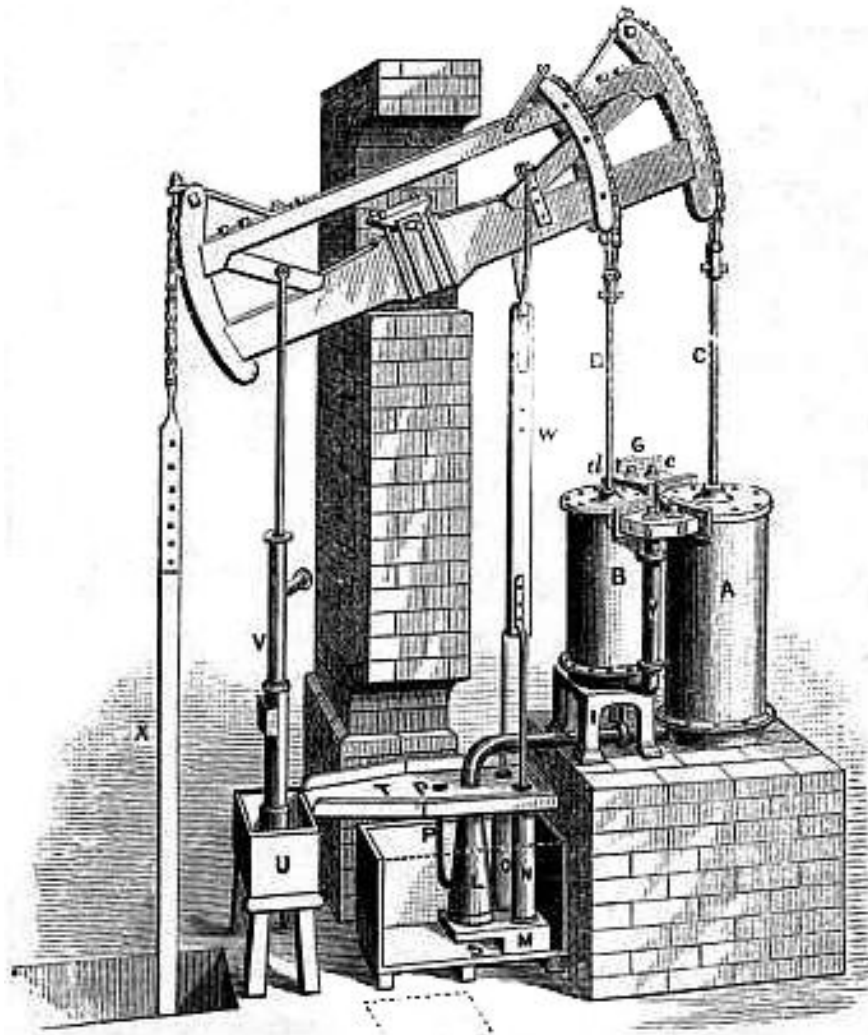
Machine tools



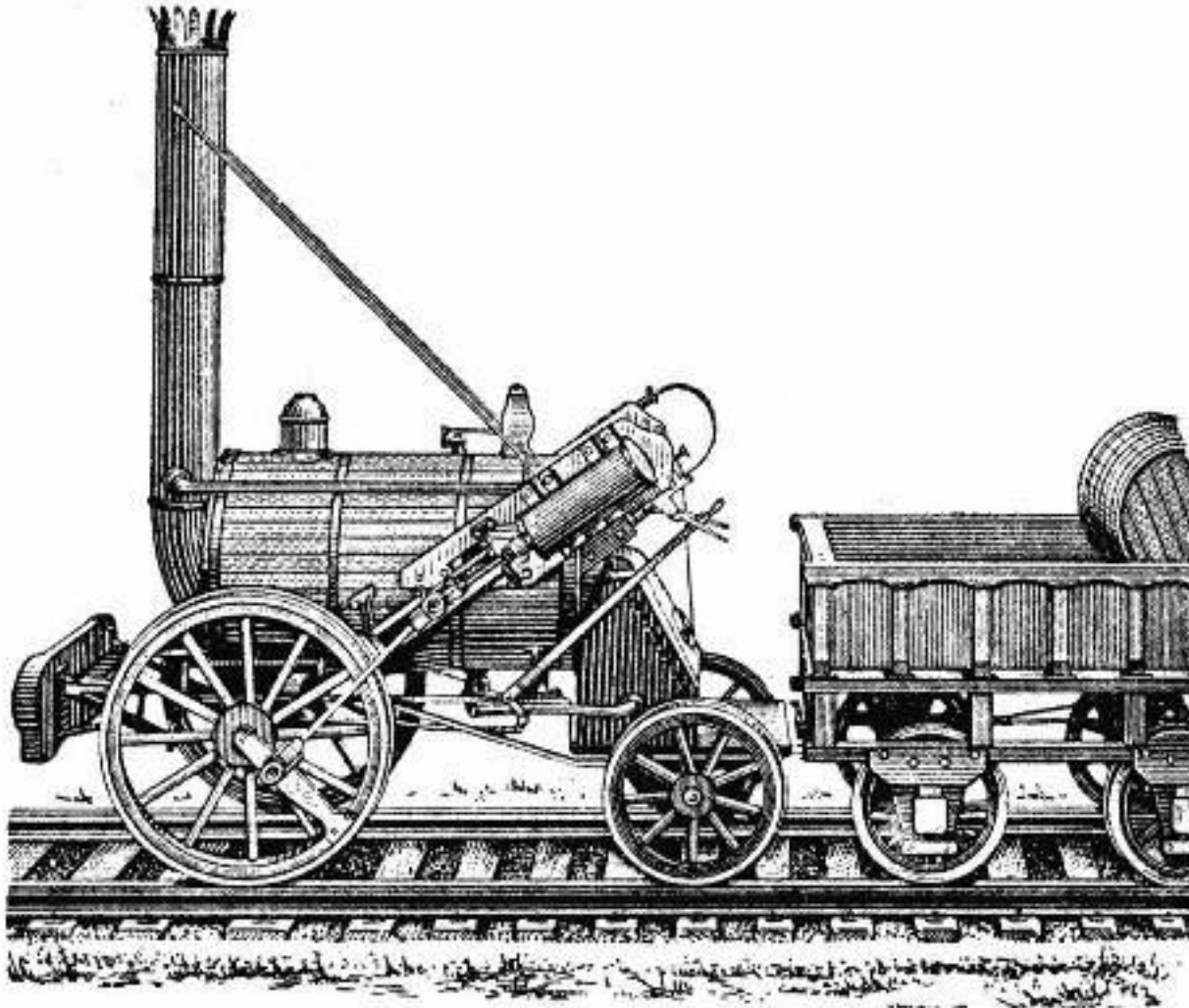
Screws and threads



Steam engines



Railways





Interchangeable parts



GUN MAKING.

Fig. 5.



Fig. 6.



Fig. 9.

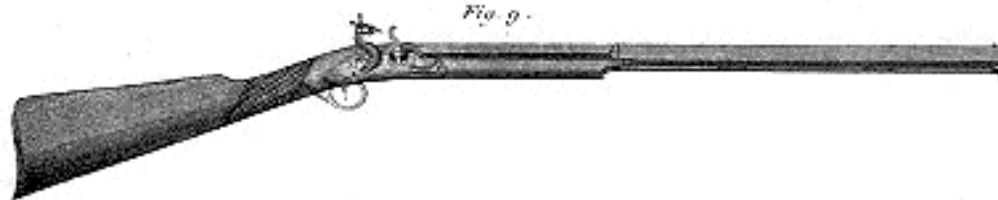


Fig. 7.



Fig. 1.

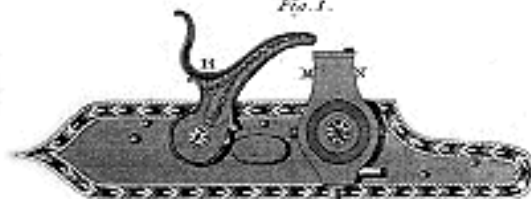
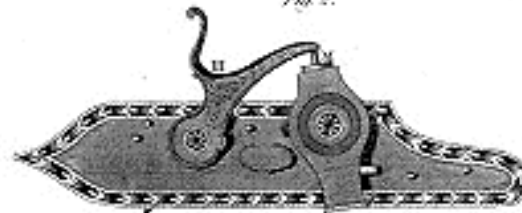


Fig. 2.

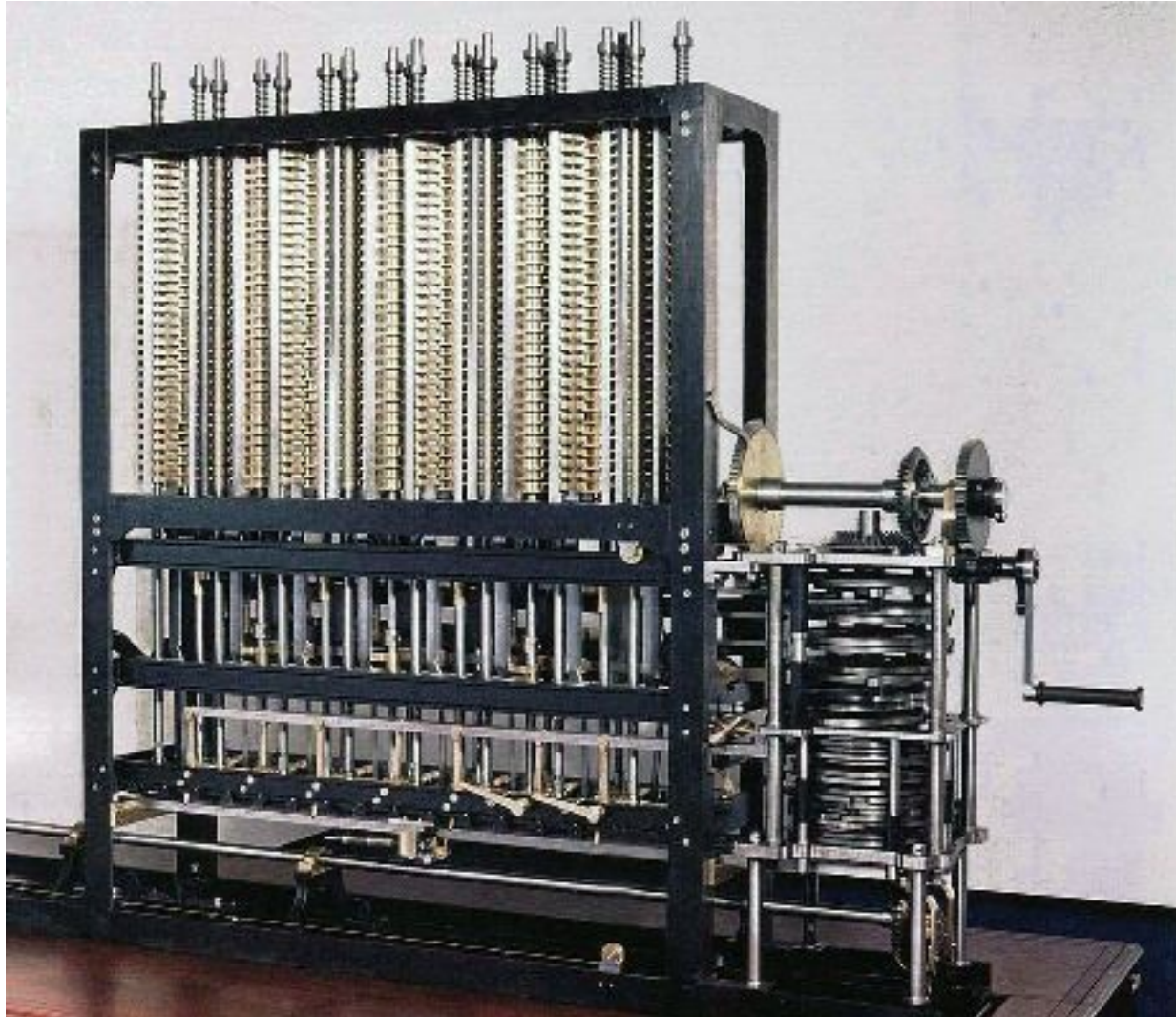


Mass production

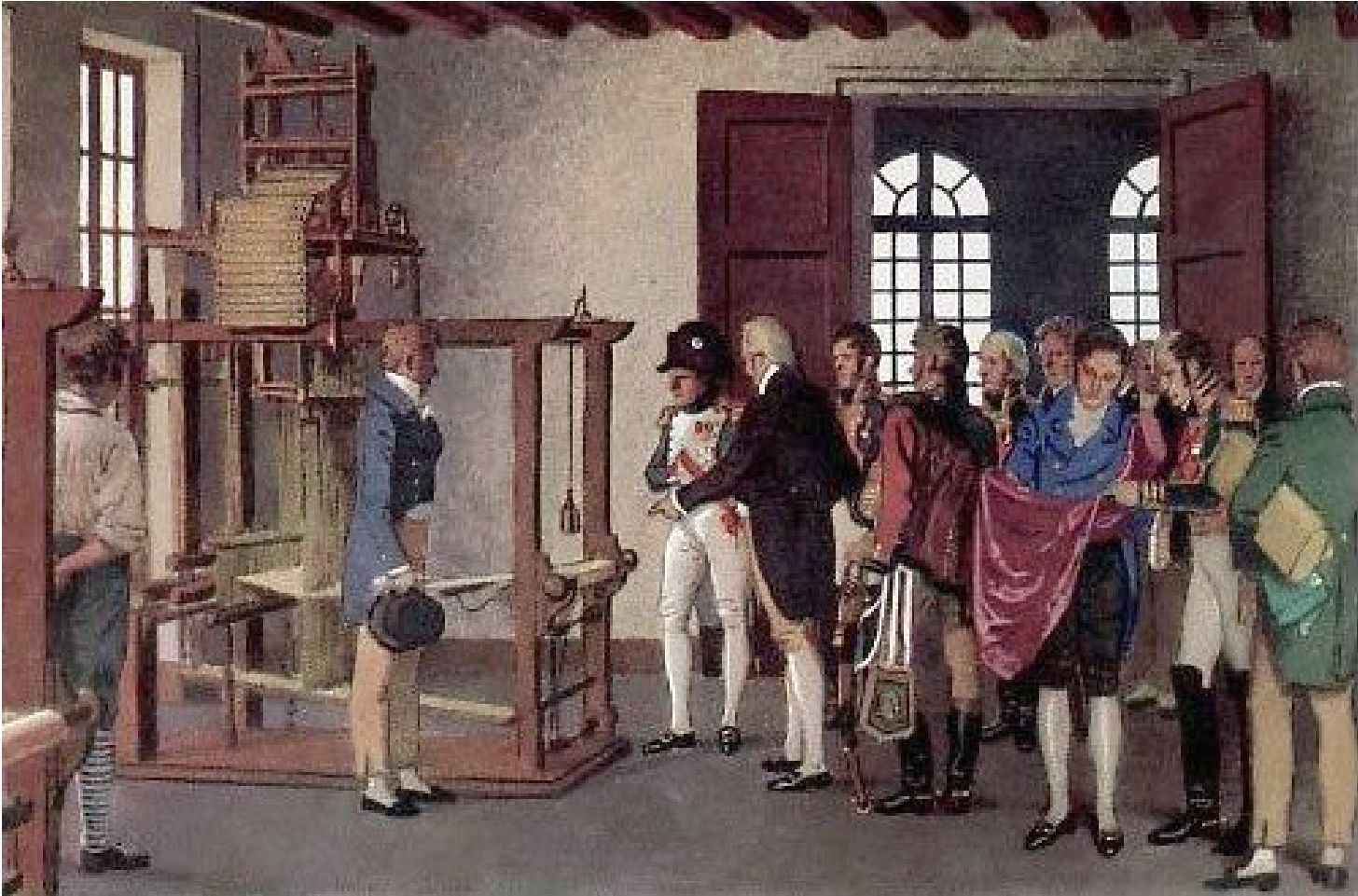




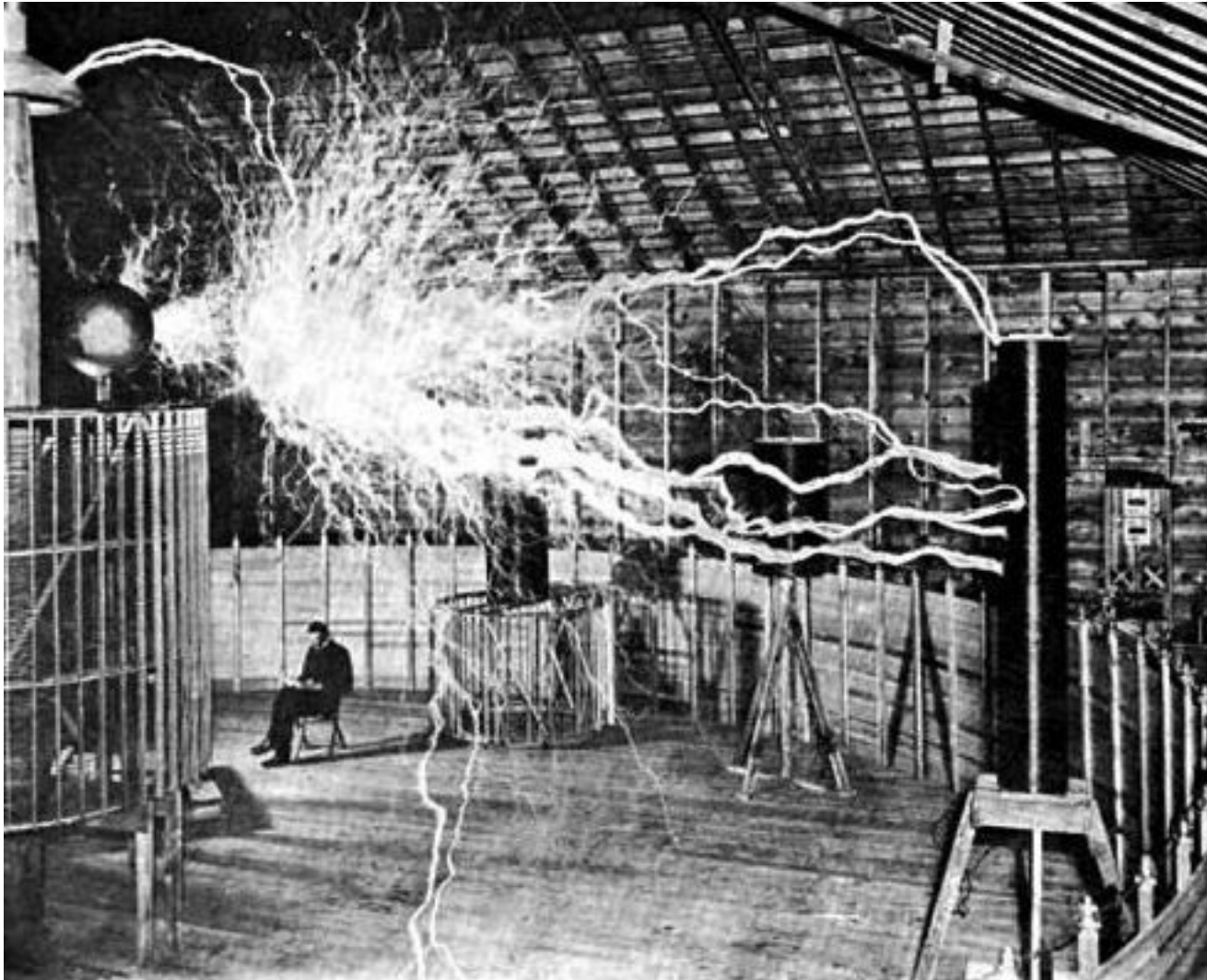
Difference Engine



Jacquard Loom



Electricity



Telegraph



THE PHELPS ELECTRO-MOTOR PRINTING TELEGRAPH

Telephone



Telecommunications





Baltimore, 1904



Mars Orbiter

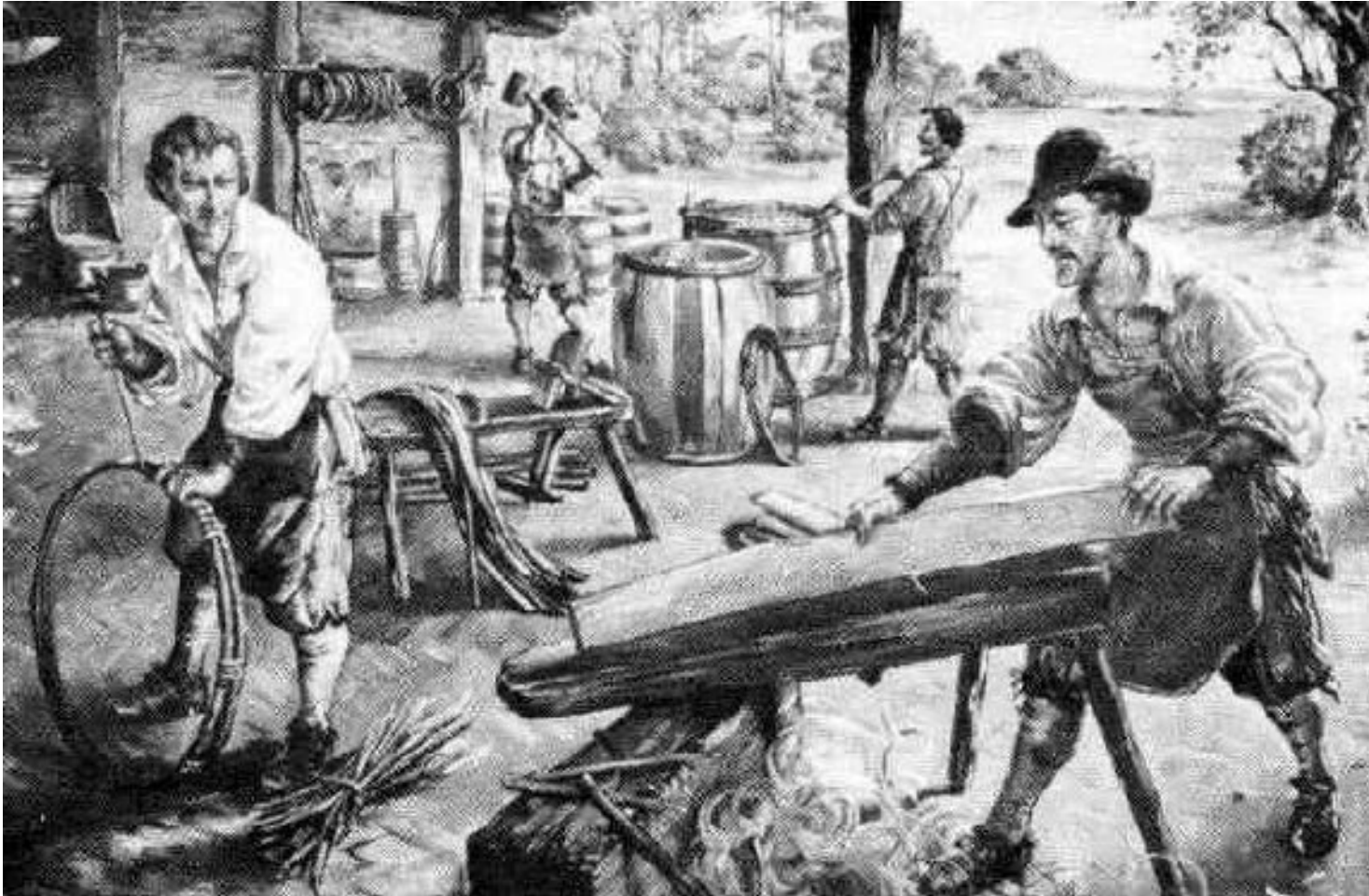




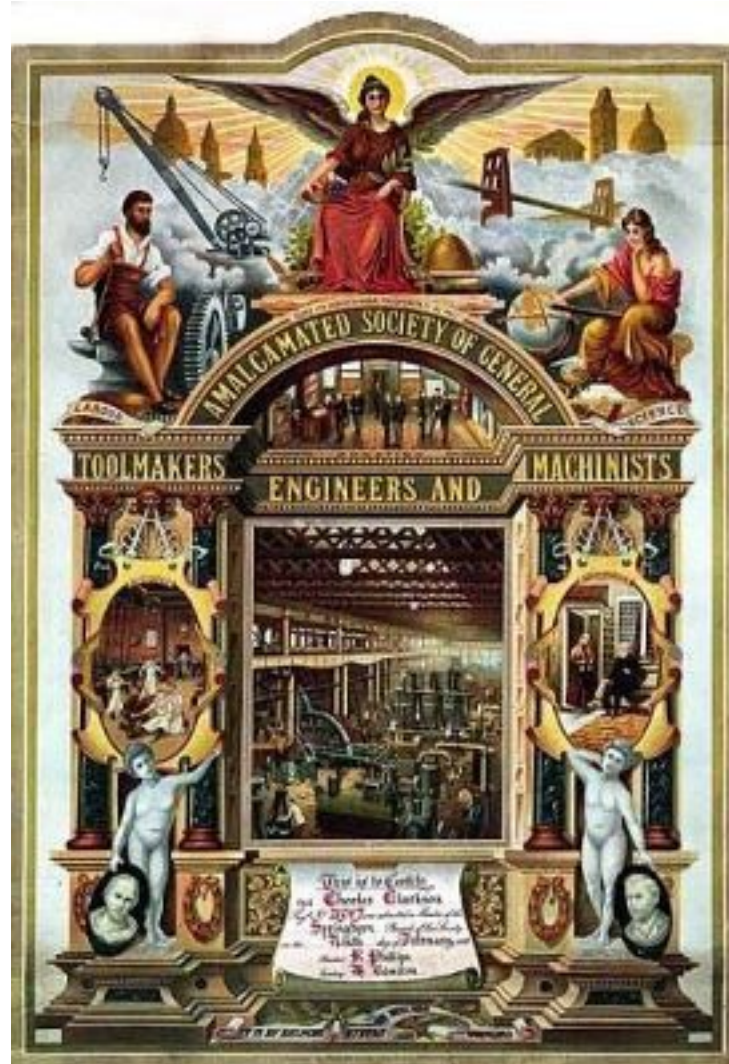
The \$64,000 question...



Are we Artisans...

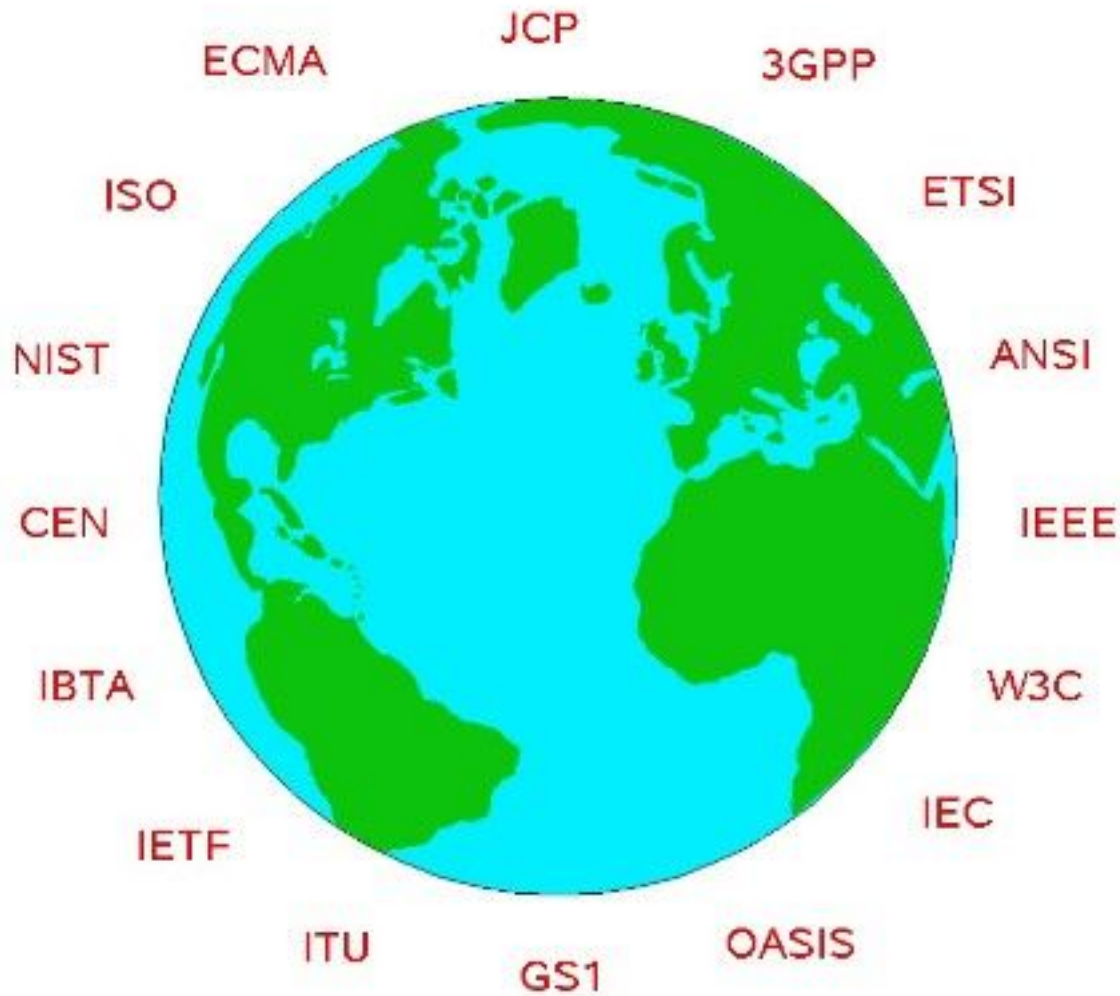


Or Engineers?





Standards make the world go round



Languages & protocols

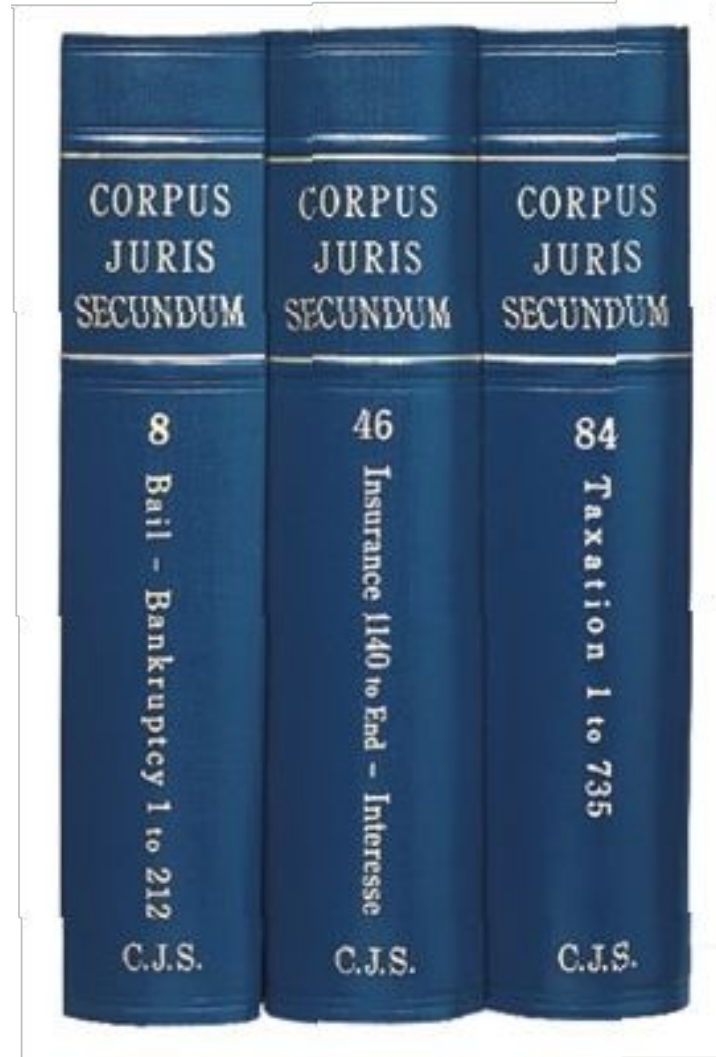


Interfaces

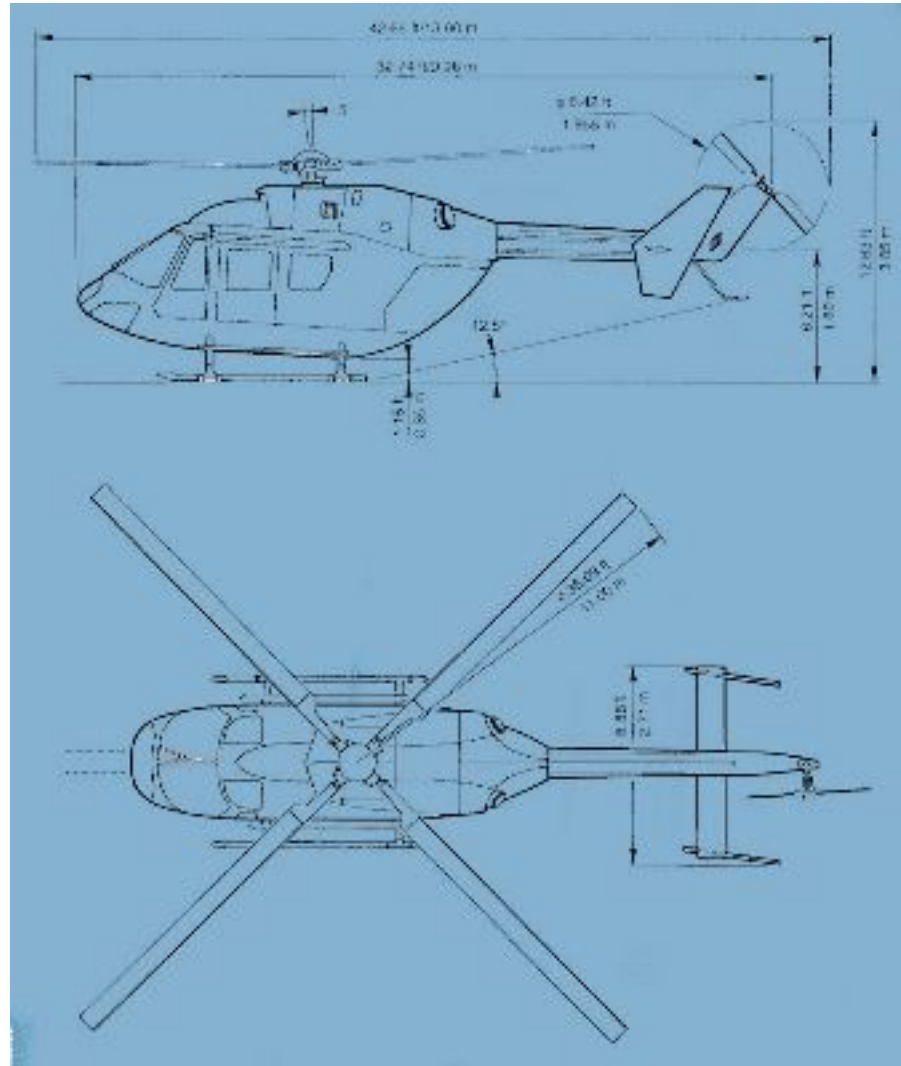


The screenshot shows the NetBeans 6.5 IDE with a UML class diagram for 'InventoryService'. The diagram includes a 'Request Start' node, an 'InventoryService' class, a 'checkAvailability()' method, two 'Call' nodes, and an 'InventoryServiceImpl' class. A dashed box highlights the 'InventoryService' class and its methods. A 'Call' node is connected to the 'InventoryServiceImpl' class. The IDE interface includes a 'Projects' window on the left, a 'Navigator' window at the bottom left, a 'Palette' window on the right, and a 'Properties' window at the bottom right.

Specifications



Blueprints



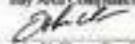
Certification



DECLARATION OF CONFORMITY


This device is in conformance with Part 15 of the FCC Rules and Regulations for Information Technology Equipment. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Model:	SV-MON711JC
Responsible Party:	SHARPVISION CO., LTD.
Address:	THE 4TH FLOOR, NO.4 TANGDONG EAST ROAD, TIANHE DISTRICT, GUANGZHOU, CHINA
Contact Person/Title:	STURBY DIRECTOR
Telephone:	+86-20-85572236
Fax:	+86-20-85541122

Equipment Class:	FCC Part 15 Class B
Product Type:	IPT LCD MONITOR
Report Number:	8500071101
Issuance Date:	July 21, 2005
Tested by:	Bay Area Compliance Laboratory Corp.
Signature of Officer:	 John Y. Chan - Certification Manager

We, the responsible party:
SHARPVISION CO., LTD.
declare that the product
SV-MON711JC
was tested to conform to the applicable FCC Rules and regulations. The method of testing was in accordance to the most accurate measurement standards possible, and that all necessary steps have been reinforced to assure that all production units of the same equipment will continue to comply with the Federal Communications Commission's requirements.

Signature: _____ Date: _____
Name: _____ Title: _____

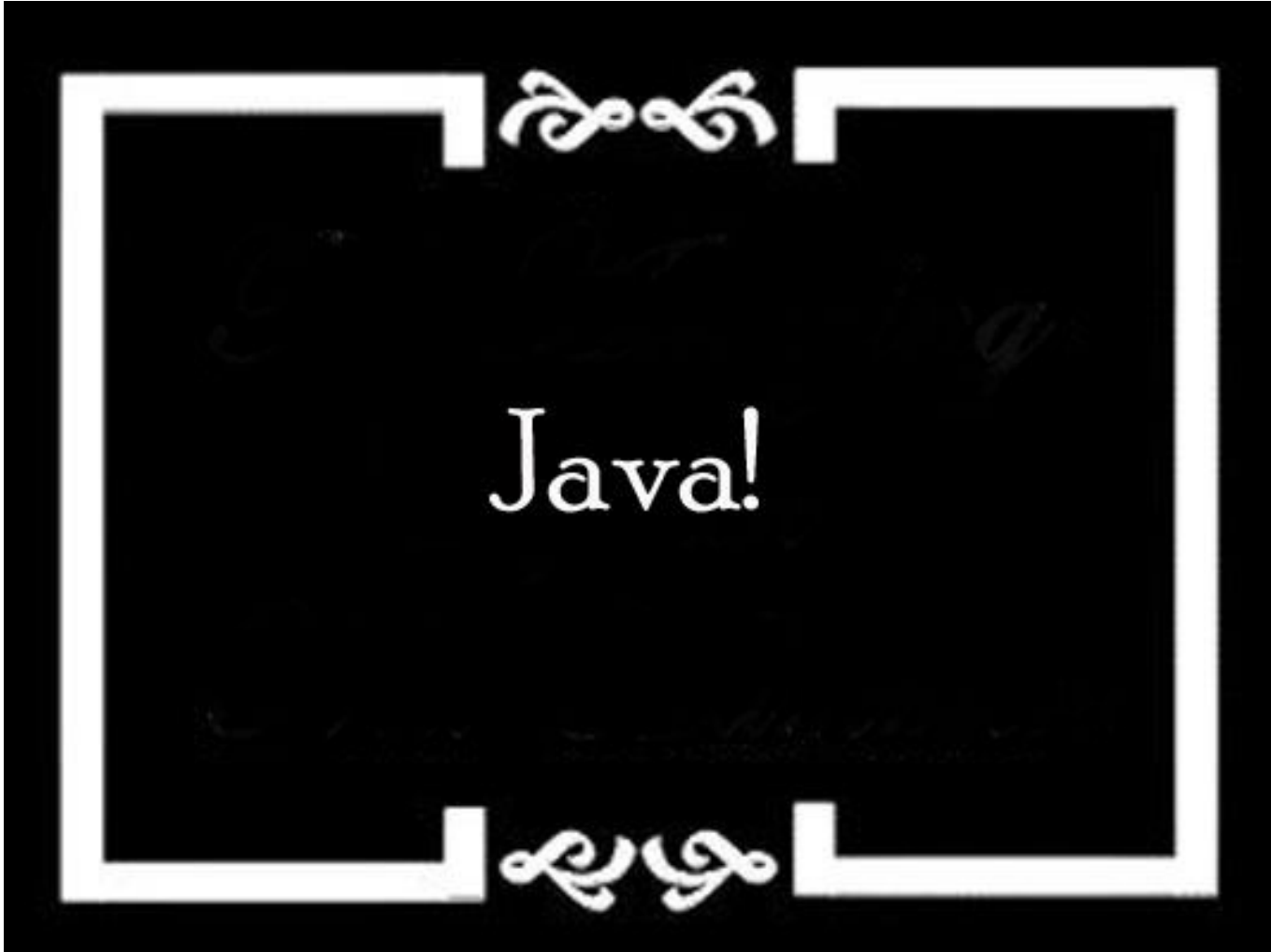


Vendor lock-in



Industrial-strength systems

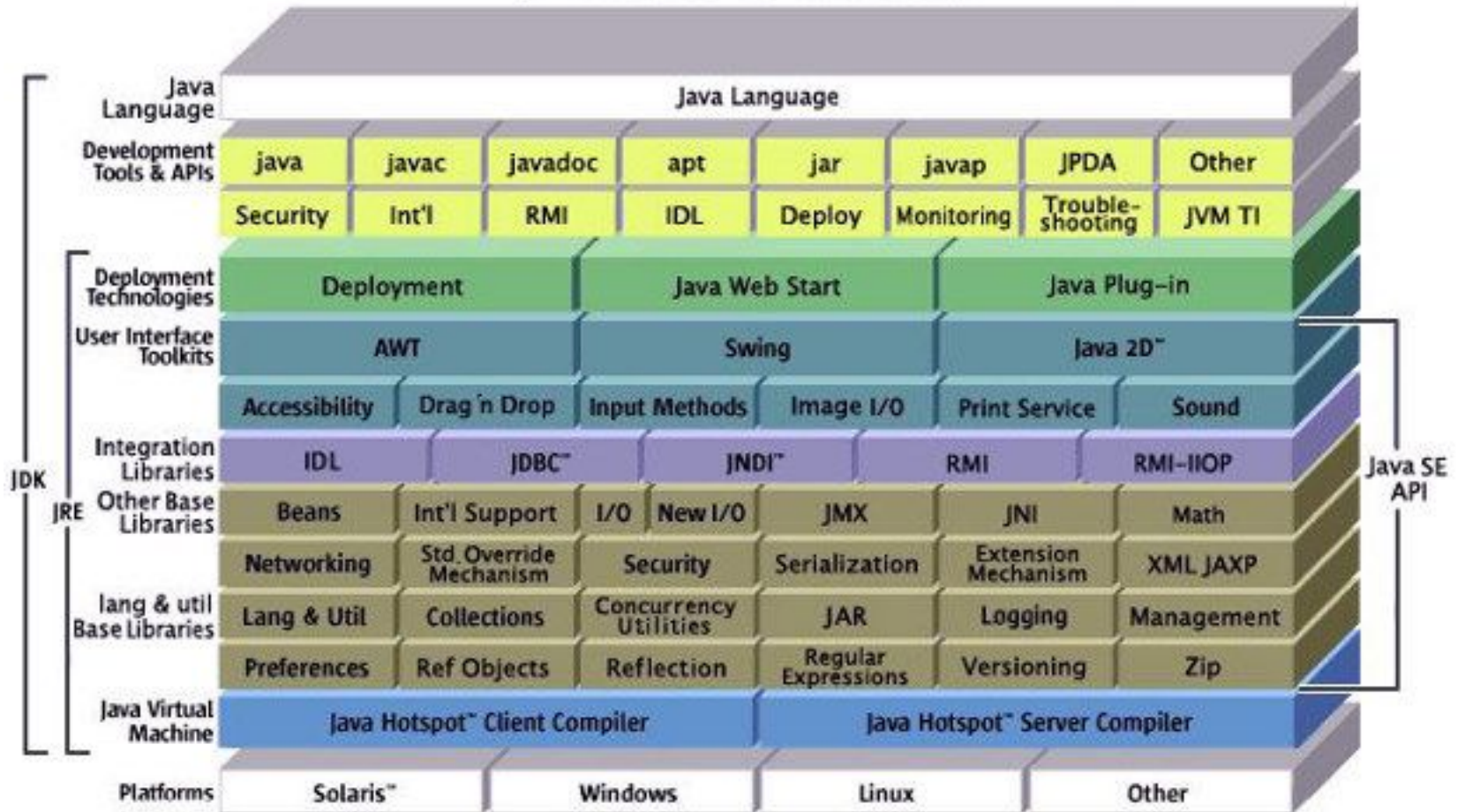




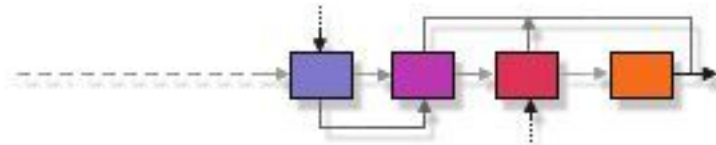
Java and standards



Java™ Platform Standard Edition



The Java Community Process



Community Development of
Java Technology Specifications

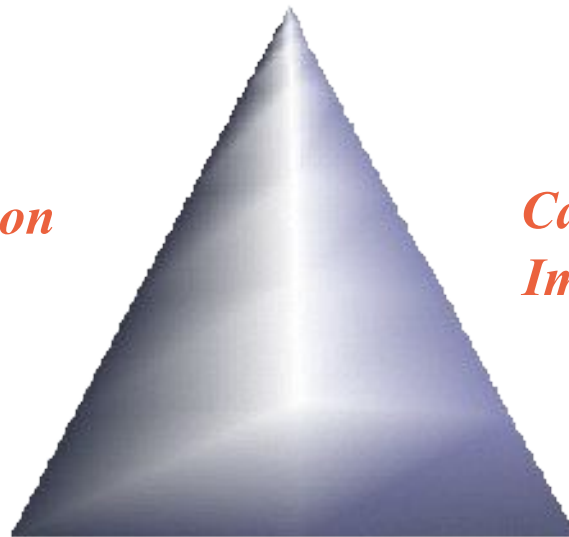
Deliverables



Specification

Is the Specification unambiguous?

Can you build an Implementation?



Conformance Test Suite

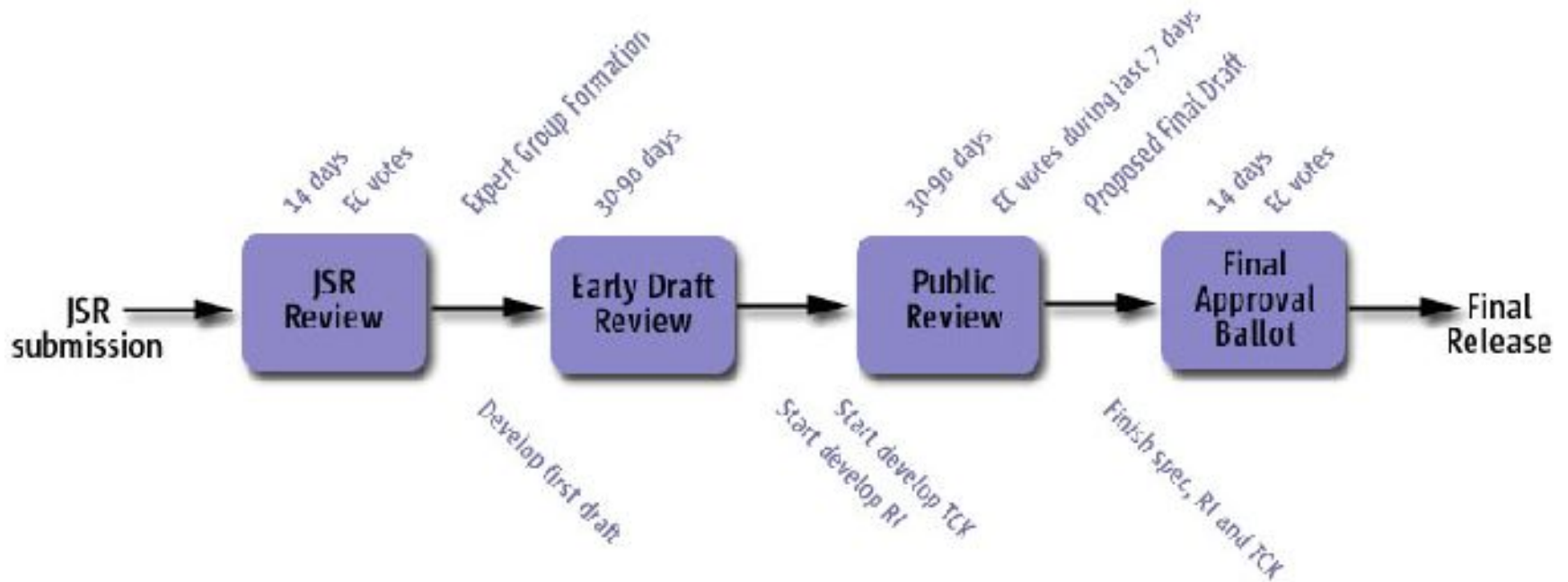
Reference Implementation

*Is the Test Suite correct?
Does the RI conform?*

Deliverables



JSR Lifecycle



Expert Group?



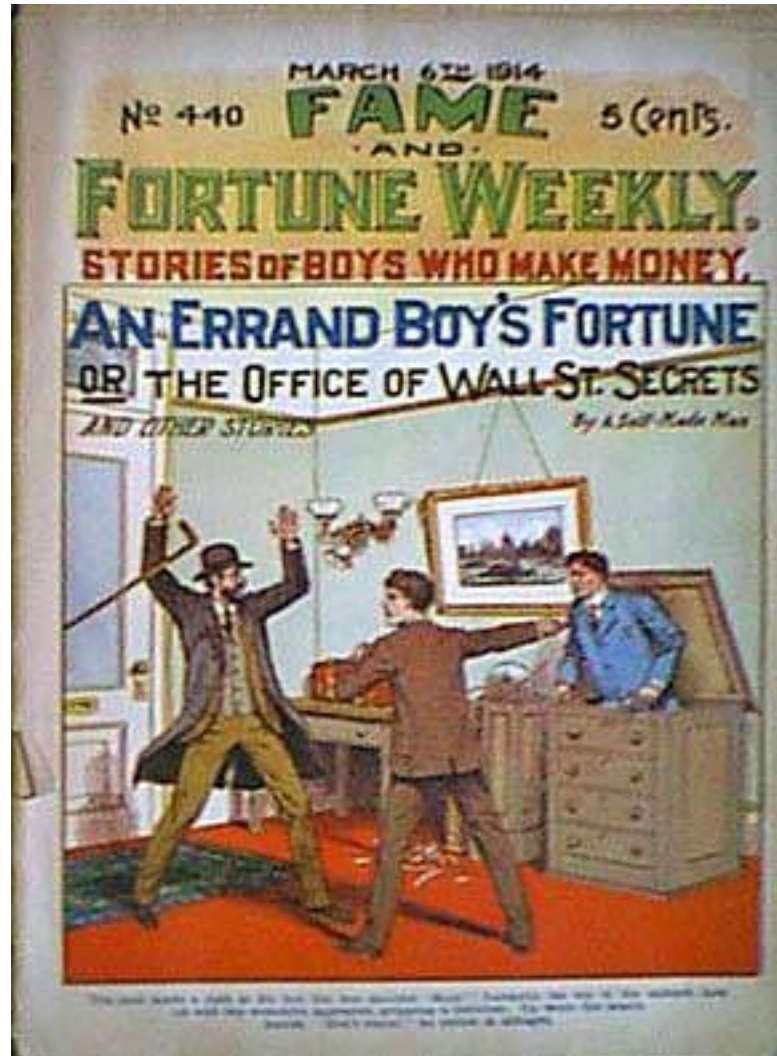
Expert Groups



Call to Action



What's in it for me?





patrick@jcp.org

<http://jcp.org>



