housekeeping

final paper proposals

next week
coming up

this week
midterm

open source reference

Compare Wikipedia, Wiktionary, or a similar open source reference work to a conventional, equivalent (e.g. The Encyclopaedia Britannica, the Dictionary of National Biography, etc.) Explain your strategy of comparison.

scholarly publishing
reference works

bits of information
  dates
  names
  causes
  sequences
  selection or collection?
the challenge of critique

**ODNB: to build**
- £25 million
- 22 years

**ODNB: to buy**
- 60 volumes, 50,000 entries
- £13,000

**ODNB: to review**
- 2,000 words
- £500
the challenge of critique

Gross
"one can dip, one can reconnoitre, one can form a broad judgement"

Barker and Gross
old, new women
Goldman: the sociology of knowledge

"He had in addition one more resource unavailable to Stephen or Lee: a large professional scholarly community—mostly, though not altogether, university-based. Whereas the old dictionary was substantially written, often in house [v. Barker, 57], by generalists who frequently wrote very many entries, the new edition was essentially written by specialists, whose work was co-ordinated and polished by an expert in-house research team."

—ODNB on Matthew
constraints & resources

technology
books, inkpots, speaking tubes

nation

death
who's in, who's out?

"Russell's History of Western Philosophy has been bad-mouthed by the profession on account of its omissions and its gleeful bias, but Russell's manifest presence in the text continued to render it readable. His omission of Wittgenstein was a scandal, but a willful one, not a bureaucratic one".

—Frederic Raphael
**top down**

**editorial control**
(back to Foucault & St Jerome)

quality

coherence

stylistic unity

chronological unity
cap Trafalgar

Trafalgar

From Wikipedia, the free encyclopedia.

Trafalgar can refer to:

- Cape Trafalgar in south west Spain
- The Battle of Trafalgar, fought near the square, une place parmi les
- Trafalgar Square in London, commémorative surmontée d'une
- Trafalgar class submarines of the Royal
- a 1971 album called Trafalgar by The
- Trafalgar (town), in Gippsland, Victoria
- the Trafalgar Moraine, in Oakville, Ont
- Trafalgar Day

Qofl --Wikis & Journals - 11
"You can't evaluate Wikipedia by traditional encyclopedia standards"

—Wired

quality

do errors matter?
ashtrays & airplanes

speed of corrections

errors, endurance, proliferation
newspaper
Chaucer
Don't believe anything in the next 24–48 hours. Guess what!! I can report on my blog that Condi will be VP when Dick resigns...and because it's on a blog, it must be true! And my scoop will fly through the internets at twice the speed of sound and I'll be so convincing, Condi herself will hear my scoop and think "Shit. I need new shoes!" and next thing you know New York Daily News will be reporting that Condi was in NY shopping for Jimmy Choo shoes that look "Vice-Presidential" and Teresa Heinz passed her by and called her a "bitch." Get my point?
saboteurs

bots

bbc?
a word on wikis

hypercard

Ward Cunningham
reader to writer
"A wiki works best where you're trying to answer a question that you can't easily pose, where there's not a natural structure that's known in advance to what you need to know.

... In addition, wikis work best in environments where you're comfortable delegating control to the users of the system.

...What you get as a wiki reader is access to people who had no voice before."

—Ward Cunningham
nupedia [2000 - 2003]

13 months
$250,000
24 articles
open source

bottom up vs top down
the pyramid
IP address
registered users
administrators
bureaucrats
stewards
superelites
Jimmy Wales

"don't break the build"
Daniel Defoe

From Wikipedia, the free encyclopedia.

Daniel Defoe (1660 – April 24, 1731) was an English writer and journalist, who first gained fame for his novel *Robinson Crusoe*. Defoe is also notable for being arguably the earliest constant practitioner of the novel form.

Contents

- 1 Biography
- 2 Defoe and the Anglo-Scottish Union of 1707
- 3 Quotations
- 4 See also
- 5 Electronic books

Biography

Born Daniel Foe, the son of James Foe, a butcher in Stoke Newington, London. He later added the aristocratic sounding "De" to his name as a nom de plume. His gravestone gives his name as DANIEL DEFOE. He became a famous pamphleteer, journalist and novelist at a time of the birth of the novel in the English language, and thus fairly ranks as one of its progenitors.

His parents were Presbyterian dissenters, and he was educated in a Dissenting Academy at Stoke Newington. His early business activities were unsuccessful, and he was bankrupted in 1692. By 1696, however he was the manager of a London tile factory.

Defoe's pamphleteering and political activities resulted in his arrest and placement in a pillory on July 31, 1703, principally on account of a pamphlet entitled "The Shortest Way with Dissenters", in which he ruthlessly satirised the High church Tories, purporting to argue for the extermination of dissenters. The publication of his poem *Hymn to the Pillory*, however, caused his audience at the pillory to throw flowers instead of the customary harmful and noxious objects, and to drink to his health.
serendipitous knowledge

Merton

knowledge at Xerox
Julian Orr
Danny Bobrow

Eureka
$100 million
30,000 'tips'
rescue in Brazil
recognition in Calgary
'knowledge bases'

usefulness

perversive incentives

quality vs quantity

uniqueness vs redundancy

reinventing the journal
inventing the journal

Journal des scavans, 1665  France
Philosophical transactions, 1665  England
Ionale dei litterati di Roma, 1668  Italy
Miscellanea curiosa medico-physica, 1670  Germany
Acta medica et philosophica hafniensia, 1673  Denmark
Collectanea medico-physica, 1680  Holland
Acta eruditorum 1682  Germany
transactions & transformations

print and science
"invisible colleges" of correspondence

alchemy to science

private to public

revelation & revolution
scientific paradox

Frohmann
"information the raw material of scientific thought"

Lesk & citation
22% of papers [1984] not cited in 10 years; 48% for social science; 93% for humanities
science studies

**Fleck**
Genesis and development of a scientific fact (1935/1979)

**Knorr-Cetina**
The manufacture of knowledge (1981)
narrative and omission

**Latour & Wolgar**
Laboratory life (1986)
facts, construction, stability
"a scientific paper does not stand alone; it is embedded in the 'literature' of the subject ..."

"Far from being the sum of independent, individual researches, the continuous compilation of disconnected facts, observations and theories, scientific knowledge is the joint social product of members of these 'Invisible Colleges'."
"Science is not merely published knowledge or information . . . its goal is a consensus of rational opinion over the widest possible field."

"Academic institutions are governed largely by unrecorded principles, handed on from father to son, from master to pupil."

"We ignore the social nature of science at our peril."
serials crisis


http://www.arl.org/stats/pubpdf/arlstat03.pdf
<table>
<thead>
<tr>
<th>Subject</th>
<th>Average No. of Titles 2000–2004</th>
<th>Average Cost Per Title 2000</th>
<th>Average Cost Per Title 2001</th>
<th>% of Change '00–'01</th>
<th>Average Cost Per Title 2002</th>
<th>% of Change '01–'02</th>
<th>Average Cost Per Title 2003</th>
<th>% of Change '02–'03</th>
<th>Average Cost Per Title 2004</th>
<th>% of Change '03–'04</th>
<th>% of Change 2000–2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>156</td>
<td>$519</td>
<td>$546</td>
<td>5</td>
<td>$583</td>
<td>7</td>
<td>$638</td>
<td>9</td>
<td>$714</td>
<td>12</td>
<td>38</td>
</tr>
<tr>
<td>Anthropology</td>
<td>42</td>
<td>$244</td>
<td>$237</td>
<td>-3</td>
<td>$259</td>
<td>9</td>
<td>$291</td>
<td>12</td>
<td>$319</td>
<td>10</td>
<td>31</td>
</tr>
<tr>
<td>Art &amp; Architecture</td>
<td>62</td>
<td>$108</td>
<td>$113</td>
<td>5</td>
<td>$116</td>
<td>3</td>
<td>$125</td>
<td>8</td>
<td>$136</td>
<td>8</td>
<td>26</td>
</tr>
<tr>
<td>Astronomy</td>
<td>10</td>
<td>$1,153</td>
<td>$1,213</td>
<td>5</td>
<td>$1,139</td>
<td>15</td>
<td>$1,451</td>
<td>4</td>
<td>$1,602</td>
<td>10</td>
<td>39</td>
</tr>
<tr>
<td>Biology</td>
<td>222</td>
<td>$998</td>
<td>$1,062</td>
<td>6</td>
<td>$1,137</td>
<td>7</td>
<td>$1,253</td>
<td>10</td>
<td>$1,377</td>
<td>10</td>
<td>38</td>
</tr>
<tr>
<td>Botany</td>
<td>62</td>
<td>$785</td>
<td>$826</td>
<td>5</td>
<td>$875</td>
<td>6</td>
<td>$947</td>
<td>8</td>
<td>$1,048</td>
<td>11</td>
<td>34</td>
</tr>
<tr>
<td>Business &amp; Economics</td>
<td>295</td>
<td>$412</td>
<td>$457</td>
<td>11</td>
<td>$501</td>
<td>10</td>
<td>$555</td>
<td>11</td>
<td>$614</td>
<td>11</td>
<td>49</td>
</tr>
<tr>
<td>Chemistry</td>
<td>183</td>
<td>$1,995</td>
<td>$2,137</td>
<td>7</td>
<td>$2,317</td>
<td>8</td>
<td>$2,501</td>
<td>8</td>
<td>$2,695</td>
<td>8</td>
<td>35</td>
</tr>
<tr>
<td>Education</td>
<td>102</td>
<td>$248</td>
<td>$275</td>
<td>10</td>
<td>$301</td>
<td>10</td>
<td>$330</td>
<td>10</td>
<td>$371</td>
<td>12</td>
<td>49</td>
</tr>
<tr>
<td>Engineering</td>
<td>234</td>
<td>$1,076</td>
<td>$1,170</td>
<td>9</td>
<td>$1,274</td>
<td>9</td>
<td>$1,377</td>
<td>8</td>
<td>$1,491</td>
<td>8</td>
<td>39</td>
</tr>
<tr>
<td>Food Science</td>
<td>17</td>
<td>$787</td>
<td>$855</td>
<td>9</td>
<td>$898</td>
<td>5</td>
<td>$969</td>
<td>8</td>
<td>$1,080</td>
<td>12</td>
<td>37</td>
</tr>
<tr>
<td>General Science</td>
<td>63</td>
<td>$678</td>
<td>$732</td>
<td>8</td>
<td>$803</td>
<td>5</td>
<td>$887</td>
<td>10</td>
<td>$962</td>
<td>9</td>
<td>42</td>
</tr>
<tr>
<td>General Works</td>
<td>68</td>
<td>$82</td>
<td>$84</td>
<td>2</td>
<td>$88</td>
<td>5</td>
<td>$99</td>
<td>12</td>
<td>$116</td>
<td>18</td>
<td>41</td>
</tr>
<tr>
<td>Geography</td>
<td>57</td>
<td>$592</td>
<td>$633</td>
<td>7</td>
<td>$711</td>
<td>12</td>
<td>$774</td>
<td>9</td>
<td>$859</td>
<td>11</td>
<td>45</td>
</tr>
<tr>
<td>Geology</td>
<td>79</td>
<td>$789</td>
<td>$846</td>
<td>7</td>
<td>$906</td>
<td>7</td>
<td>$982</td>
<td>8</td>
<td>$1,071</td>
<td>9</td>
<td>36</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>1,342</td>
<td>$702</td>
<td>$758</td>
<td>8</td>
<td>$812</td>
<td>7</td>
<td>$889</td>
<td>9</td>
<td>$975</td>
<td>10</td>
<td>39</td>
</tr>
<tr>
<td>History</td>
<td>214</td>
<td>$116</td>
<td>$124</td>
<td>7</td>
<td>$131</td>
<td>6</td>
<td>$148</td>
<td>12</td>
<td>$166</td>
<td>13</td>
<td>44</td>
</tr>
<tr>
<td>Language &amp; Literature</td>
<td>295</td>
<td>$107</td>
<td>$115</td>
<td>7</td>
<td>$124</td>
<td>8</td>
<td>$138</td>
<td>11</td>
<td>$153</td>
<td>12</td>
<td>43</td>
</tr>
<tr>
<td>Law</td>
<td>67</td>
<td>$157</td>
<td>$169</td>
<td>7</td>
<td>$187</td>
<td>11</td>
<td>$203</td>
<td>9</td>
<td>$222</td>
<td>9</td>
<td>41</td>
</tr>
<tr>
<td>Library &amp; Info. Sci.</td>
<td>54</td>
<td>$254</td>
<td>$271</td>
<td>7</td>
<td>$290</td>
<td>7</td>
<td>$319</td>
<td>10</td>
<td>$354</td>
<td>11</td>
<td>39</td>
</tr>
<tr>
<td>Math &amp; Computer Sci.</td>
<td>182</td>
<td>$881</td>
<td>$946</td>
<td>7</td>
<td>$1,010</td>
<td>7</td>
<td>$1,080</td>
<td>7</td>
<td>$1,171</td>
<td>8</td>
<td>33</td>
</tr>
<tr>
<td>Military &amp; Naval Sci.</td>
<td>9</td>
<td>$289</td>
<td>$315</td>
<td>9</td>
<td>$310</td>
<td>-2</td>
<td>$337</td>
<td>9</td>
<td>$365</td>
<td>8</td>
<td>26</td>
</tr>
<tr>
<td>Music</td>
<td>41</td>
<td>$80</td>
<td>$83</td>
<td>3</td>
<td>$92</td>
<td>11</td>
<td>$100</td>
<td>9</td>
<td>$106</td>
<td>6</td>
<td>33</td>
</tr>
<tr>
<td>Philosophy &amp; Religion</td>
<td>125</td>
<td>$143</td>
<td>$150</td>
<td>5</td>
<td>$164</td>
<td>9</td>
<td>$182</td>
<td>11</td>
<td>$200</td>
<td>10</td>
<td>39</td>
</tr>
<tr>
<td>Physics</td>
<td>202</td>
<td>$1,865</td>
<td>$1,996</td>
<td>7</td>
<td>$2,180</td>
<td>9</td>
<td>$2,351</td>
<td>8</td>
<td>$2,543</td>
<td>8</td>
<td>36</td>
</tr>
<tr>
<td>Political Science</td>
<td>58</td>
<td>$226</td>
<td>$257</td>
<td>13</td>
<td>$279</td>
<td>9</td>
<td>$312</td>
<td>12</td>
<td>$360</td>
<td>15</td>
<td>59</td>
</tr>
<tr>
<td>Psychology</td>
<td>145</td>
<td>$306</td>
<td>$336</td>
<td>10</td>
<td>$368</td>
<td>10</td>
<td>$399</td>
<td>8</td>
<td>$446</td>
<td>12</td>
<td>46</td>
</tr>
<tr>
<td>Recreation</td>
<td>18</td>
<td>$113</td>
<td>$126</td>
<td>12</td>
<td>$144</td>
<td>14</td>
<td>$154</td>
<td>7</td>
<td>$167</td>
<td>9</td>
<td>48</td>
</tr>
<tr>
<td>Sociology</td>
<td>286</td>
<td>$274</td>
<td>$306</td>
<td>12</td>
<td>$336</td>
<td>10</td>
<td>$371</td>
<td>10</td>
<td>$422</td>
<td>14</td>
<td>54</td>
</tr>
<tr>
<td>Technology</td>
<td>187</td>
<td>$958</td>
<td>$1,044</td>
<td>9</td>
<td>$1,140</td>
<td>9</td>
<td>$1,241</td>
<td>9</td>
<td>$1,350</td>
<td>9</td>
<td>41</td>
</tr>
<tr>
<td>Zoology</td>
<td>100</td>
<td>$701</td>
<td>$743</td>
<td>6</td>
<td>$803</td>
<td>8</td>
<td>$870</td>
<td>8</td>
<td>$918</td>
<td>6</td>
<td>31</td>
</tr>
</tbody>
</table>

for instance

rapacious publishers

*Biochemica et Biophysica Acta*
(published by Elsevier)
averaged 300 pages in the 1990s; today they are averaging 200 pages. Price in 1993 was $7,700; this year we paid $14,000. (source: R. Wilson, UC Berkeley Library)
UC has recently been informed that the American Association for the Advancement of Science (AAAS), publishers of Science, asked UC to pay $93,000 for access in 2004. This compares to a 2002 price of $34,590.
The traditional business model for scientific publishing, in which individual readers or institutions pay publishers for access to research articles, is a vestige of an era when printing articles in paper journals and transporting them in trucks and boats was the most efficient way to disseminate new scientific discoveries and ideas.
preprints
Ginsparg server

Los Alamos to Cornell
estimating costs

reputation is elsewhere?
sifting

humanities & the monograph

science & the preprint
"Mike Lesk has pointed out that the costs of just the buildings of the new British Library in London and the new French National Library in Paris are two or three times higher than the costs of converting their book collections to a digital format. In a more rational world, the money going into bricks and mortar would have gone into scanning the books, which would have provided much more rapid and convenient access to the data for scholars. The physical volumes themselves could be housed in cheap warehouses early estimates of costs."

—Andrew Odlyzko
"Kuhn has remarked on the contrast between the science student, who reads only textbooks by second-rate scholars, and the students of the humanities, whose curriculum is filled with original texts by the best authors. The original papers of Maxwell, Einstein, Darwin, and Mendel are no more than historical evidence for their brilliance in their day ... they may be superseded without loss by the superior accounts that a century of teaching now provides." —Ziman
scientific sifting

[notion of mass storage/retrieval]
"betray an absence of careful thought about the part that the conventional systems of scientific communication play in sifting and sorting the material they handle"

—Ziman
institutional interests

the journal and the university

journal as university

Informa

university as journal

institutional & disciplinary repositories
preservation

[Library (Copy under Revision)]

Hardwicke Library

702
MS

[Magna Carta and Laws and Statutes of England]

Large decorated initials in blue and red, rubrication

144 vellum leaves, ms on verso and recto. Full early blind-stamped calf. Rebacked

C91.