#### \*Feel free to add additional chapters and information that would be helpful in creating this ebook!

This document is where we are organizing chapters, pulling relevant quotes from the SCoPE discussion, adding links to graphics, etc. This is where we will write the book together: <u>https://docs.google.com/document/d/1AZohACfMGf7V4EL8jjVppCBdUDGtKndwGhsozJQsstQ/edit</u>

Contributors (alphabetical by last name)

- 1. Hilda Anggraeni
- 2. Don Beadle
- 3. Deirdre Bonnycastle
- 4. Nicholas Bowskill
- 5. Deb Carter
- 6. Diana Chan
- 7. Edward Mokurai Cherlin
- 8. LaDonna Coy
- 9. Sylvia Currie
- 10. Bev Ferrell
- 11. Alannah Fitzgerald
- 12. Jo Ann Hammond-Meiers
- 13. Julia Hengstler
- 14. Kirk Kezema
- 15. Jaymie Koroluk
- 16. Clint Lalonde
- 17. Scott Leslie
- 18. Alice Macpherson
- 19. Terrie McAloney
- 20. Susanne Nyrop
- 21. Mary Pringle
- 22. Sylvia Riessner
- 23. Heather Ross
- 24. Eugene Rubin
- 25. Barbara Schindelka
- 26. Richard Schwier

27. Valerie Taylor28. Bill Thimmesch29. Gabi Witthaus

# **INTRODUCTION** Is the metaphor of book appropriate for ePublications?

No.	Writer	Summary	Comment	
1.	<i>by</i> Clint Lalonde - Wednesday, 1 February 2012, 10:39 PM	- book paradigm metaphor	I was thinking this exact thought with the hoopla with the Apple announcement last week. The whole book paradigm seems like such a holdover from another age - like a transitory metaphor. Kind of like the file folder metaphor on a computer. A digital manifistation of an analog form that really doesn't apply to a web world. Wh do we even need to hold on to this whole notion of a "book"? Is there value in having a "book" other than it gives publishers a way to package content?	
2.	<i>by</i> Scott Leslie - <i>Wednesday, 1 February</i> <i>2012, 02:20 PM</i>	- web bundled up	I am really interested; my personal take is that "eBooks" are a combination of hangover from an older age and marketing ploy by both booksellers and hardware vendors, and that when you take the covers off it just looks like a bit of the web bundled up so it can sell. But maybe I am really missing something that is special to eBooks and eReaders?	
3.	<i>by</i> Edward Mokurai Cherlin - <i>Thursday, 2 February 2012,</i> <i>10:49 AM</i>	- books were the highest of high tech - books won't disappear, the mix will change instead.	Books were in their day (that is, for thousands of years) the highest of high tech, whether we are talking about clay tablets, hand-written papyrus scrolls, bound parchment, Indian palm leaves, Chinese silk paper, or the multitude of printing technologies on an equally wide range of materials, and whether we are talking about quill pens, styli, and brushes, or cold and hot lead alloy type, photoengraving, and laser printing on demand. Cities are the definition of civilization, but the second factor in the definition is books, starting when whole civilizations might have only one book (The Iliad, for example, or the Bible.) Although the physical constraints of bound books, magazines, journals, newspapers, and so on are fast falling away, there is still demand for the coherent document by a single author or group of authors on a single subject, with a beginning, middle, and end. Even though computers today cost less than printed textbooks, and the printed textbooks should, indeed must, indeed will soon go away; even though there are a hundred thousand Open Education Resources available online; even though much of education will take place via Google and Wikipedia and Sage and GeoGebra and Sugar and a profusion of programming languages designed for children; even so the book is not about to disappear. The mix will simply change, as it has always changed, starting when the oral traditions of prehistory began to be written down in books, on monuments, and in whatever other forms	

	have come and sometimes gone before. These strawman arguments are distractions that do not advance the work that needs to be done. May we ask instead, what do the children say they need? How can we best provide that? Who is ready to join in?

# CHAPTER 1 Why eBook?

#### 1.1 Don't take my book away

No.	Writer	Summary	Comment
1.	<i>by</i> Sylvia Currie - <i>Thursday, 2 February</i> <i>2012, 06:19 PM</i>	- Visual mapping	I sort of feel like I need to make a decision to STOP buying print books because my house is getting full. But as I look around I realize that there are some books that I would never want to give up. Most of these are reference books, and I can often <b>remember where I read something just by the placement on the bookshelf and the cover</b> . The author and title might not be the first thing that comes to mind. Cookbooks are a good example. But I've often joked that it would be nice to have a CNTRL-F function in my house, because my visual memory is not always reliable!
2.	Jim Devitt http://ow.ly/900FD	- Sentimental Value	"While we all have our Kindle, Nooks and iPads, the traditional book is not going anywhere soon. There are some cute methods to perform electronic book signings, but they will never replace the Sharpie scribbled autographs. Fans waited as much as two and a half hours with their pristine copies and weathered tomes, just so that they can get a personalized note. "

3.	Mary Pringle	the old and new often function simultaneouslyit may be that they do not fullfill identical needsas noted re sentimental value, for example.	I think Marshall McLuhan said something relevant about the way old technologies stay onI'll try to find it Books could be evolving, like phones into smart phones, or they could end up being a niche taste like typewriters; if so, they could well make a comeback like vinyl records. Some people miss not only the tactile experience of reading, but also the tactile experience of writing with a pen. It gives the same kind of pleasure as drawing. These pleasures can be a strong link to old technologies.
4.			

#### **1.2 Why we love eBook?**

No.	Writer	Summary	Comment
1.	by <u>Terrie McAloney</u> - Wednesday, 1 February 2012, 12:48 PM	- good bookmarking tools - good for travelling	I have had a Kindle for two years I read Kindle books on my 12 inch laptop and the Kindle (Amazon allows downloads on both) but I still like the old fashioned hard cover book I go to used book stores in most new towns I visit how will that happen with e-books? I like to turn pages the Kindle is great for <b>bookmarks and looking up words in the dictionary</b> I also download audio books from the library and listen to them on my laptop and iPod and read them on my laptop - when Canadian libraries have access to Kindles I will no longer purchase books - I good reason to buy Kodo! <i>All three of my sons use e-Readers, but I notice they all still buy paper books they say the</i> <b>e-Readers are great for travelling convenience of taking100 books on a trip</b>

2.	<i>by</i> Sylvia Currie - <i>Thursday, 2 February</i> <i>2012, 06:19 PM</i>	<ul> <li>efficiency</li> <li>ease of use</li> <li>no ctrl-F</li> </ul>	I can relate to so many things that have already been said about experiences with e-pubs. I read all the time on the desktop, on the laptop, on the ipad, and I also continue to buy print books.  On my iPad I use Kobo, Kindle, IBooks, GoodReader, Instapaper, and various magazine apps. I still don't have that CNTRL-F function. Is anybody else experiencing this problem not able to find something you want to return to in an e-pub? It seems that would be solved by now. That issue aside, I absolutely love reading on my iPad, and while I don't necessarily read more, I do read at different times and locations than I did before. I like that I can put my feet up while reading the PDF that was just sent to me by email. And, like Clint, I read more in bed. I think one reason is the backlight, and a design flaw in my bedroom; I have to get out of bed to turn off the reading light. Now I can just touch the iPad off button and roll over. :-)	
3.	by Richard Schwier - Monday, 6 February 2012, 09:29 AM	<ul> <li>ease of use</li> <li>inexpensive distribution</li> <li>traditional publishing</li> <li>outlets are not the</li> <li>effective way to reach</li> <li>wider audience</li> <li>google analytics to</li> <li>document performance of</li> <li>publications</li> </ul>	eBooks make it easy and inexpensive to distribute materials for sure, and there does seem to be a growing appetite among educators to write material and share it for little or no return. I think academics are coming to understand that the real incentive for writing material is to reach an audience, and traditional publishing outlets such as subscription-based scholarly journals and academic publishing houses are not the most effective way to reach a wider audience with material. Of course there is still the institutional attention paid to conventional academic publishing, especially when considering tenure and promotion, but those walls are being chipped away little by little. My own experience has been that my free ebook outperformed any previous book I had ever written, and it did it in less than three months. And now I see the classic long tail of e-distribution stretching out behind the initial burst of downloads. I really like Google Analytics, and it provides some of the data we need to be able to document the performance of publications. Here's something I've been wondering about, though. Because ebooks require some kind of technology to read them, is there an equity problem? For people who can't afford or don't have access to readers, laptops, notebooks, etc., are they being systematically excluded from learning opportunities? Maybe this is where things like e-reader loaner programs from public libraries become even more important.	
4.	by Don Beadle - Monday, 6 February 2012, 10:29 AM	<ul> <li>technology required is</li> <li>one problem for eBook,</li> <li>but access to internet is</li> </ul>	Yes the ebooks/technologyrequired scene is a problem, but in many situations, access to the internet and cell phones is easier than access to books, especially in parts of the developing world where the infrastructure fo libraries is minimal. But yes, programs that provide e readers and such are a huge step, it is kind of like the	

		easier than access to book	beginning of public libraries in Ben Franklin's era. Sharing information, learning together, powerful stuff. In Canada, Athabasca University is a leader in this open education arena. This leads to questions about copyright, creative commons, and many other tangents	
5.	Mary Pringle	- everything comes from something	We need metaphors to organize our experience. Everything comes from somethingit's not surprising to see the traces of the previous technology in the new one. I remember reading somewhere that actual space affordances (was it the space station?) were strongly influenced by Star Trekmay or may not be true, but it makes sense with respect to our need for design concepts whenever we embody a technology.	
			are mature) really interact with the text on a physical and actively creative level.	
6.	<i>by</i> Sylvia Riessner - <i>Thursday, 2 February 2012,</i> <i>04:43 PM</i>	<ul> <li>eBooks more useful, interactive and engaging</li> <li>immersive reading experience</li> <li>not sure if eBook will make them affordable for student</li> </ul>	The most exciting prospect of e-books for me as an educator is that students can (will be able to when e-books are mature) really interact with the text on a physical and actively creative level. What interests me most about ebooks is when they start to transition/morph into something else that is much more useful, interactive, engaging. My granddaughter loves some of the immersive reading experiences you can get on the iPad. Some of them are fun for me too. The travel books are more interesting to me. Haven't had time to go much beyond that yet. I followed some of the web-based conversations about e-books when the 2011 Horizon Report targeted them as a technology that would impact education within one year I'm not sure how I feel about the much-publicized possibilities of e-texts as being more affordable for students. I don't believe that publishers are likely to give up the healthy profits they earn in this sector; if it wasn't going to make them even more money I doubt they'd be so proactive. However, I know that our nursing students love having their textbook on the iPads because they can look up information in clinical without having to lug around a heavy book. I've also been meaning to explore some of the supposed interactive elements of e-texts (take a look at Inklings site or check out theirRaven Biology text. ) These books supposedly encourage exploration and interaction; whether they actually achieve those possibilities I have yet to hear from any teacher. Have any of you tried anything like this - interactive texts? A really thought-provoking video by IDEO (I didn't make up their name) - shows some of the ways technology and connectivity could enrich and change our reading experiences.	
7.	<i>by</i> Julia Hengstler - Friday, 3 February 2012, 10:36 AM	<ul> <li>permanence over book or eBook</li> <li>replication and</li> </ul>	I would argue permanence: think fire at library in Alexandria. Only security our books have over that form is that the printing press ensured various copies stored at various locations. I think that the capability of replication & distribution is far greater with digital formats. Julia	

		distribution is greater with digital format		
8.	<i>by</i> Deirdre Bonnycastle - <i>Tuesday, 7 February 2012,</i> <i>10:46 AM</i>	- based on unscientific observation, eBook may make reading more accessible.	I initially got into technology because I worked with a lot of students and my own children who had learning issues. Many of my students gave a tremendous sigh of relieve when first allowed to compose documents on a computer (spell checker, lack of fatigue from handwriting for people who had dysgraphia, ease of reading computer text, coloured text is easier for some dyslexics to read). My daughter is severely learning disabled and her first computer allowed her to write stories and screen plays that astounded her classmates and teachers who had viewed her up to that point as stupid. Today she is a film maker who reads voraciously but still prefers to do it online. Her 2 year old daughter recently was given her own iPad because her parents were tired of sharing their's with her. She moves freely between her iPad books and her paper books. So based on my unscientific observations, e-books may make reading more accessible to those who find reading difficult.	
9.	<i>by</i> Terrie McAloney - <i>Thursday, 2 February 2012,</i> <i>09:53 AM</i>	- ability to borrow digital book from library	Our local library loans Kobos to use and download books from the library just like you take a book out of the library you can now sign-out the Kobo and e-books.	
10.	<i>by</i> Deirdre Bonnycastle - <i>Tuesday, 7 February 2012,</i> <i>10:13 AM</i>	<ul> <li>published journal, no</li> <li>statistic</li> <li>online published, allow</li> <li>feedback and stat</li> </ul>	Your comment about an audience had great resonance for me. When I published in journals, I rarely knew if people were reading what I had written. Now that I only publish in openly accessible online locations, I have traffic stats and a constant stream of people at conferences and on twitter commenting on what I write. I love the feedback positive and negative because I feel like I'm making a difference in medical education.	
11.	by Gabi Witthaus - Wednesday, 8 February 2012, 08:06 AM	<ul> <li>combination of</li> <li>technology</li> <li>creation digitally,</li> <li>distribution and actual use- paper</li> </ul>	I think many people will want to print e-books - particularly people with limited access to computers and the internet. This doesn't invalidate the idea of e-books - it's just a combination of technologies to enable the widest possible access. So while the creation and initial distribution may be done digitally, further distribution and actual use may be done using paper.	
12.	by Gabi Witthaus - Wednesday, 8 February 2012, 03:51 PM	- eBook gives people choice	Don, we did some research at the University of Leicester (details at www.le.ac.uk/duckling) where we issued students doing distance programmes with e-book readers that had been pre-loaded with the course content. Many of the students said they no longer felt the need to print out their course materials, but there were a few people who said they still preferred to work on paper.Some people read the materials on their e-books to get a general overview of the topic, and then printed out the bits that they wanted to read in more detail and annotate by hand. I guess the ideal is to use technologies that give people the choice, which I think e-books	

			do.
13.	Jo Ann Hammond-Meiers Friday, Feb 11, 2012	- storage and availability	Storage and availability of e-books is a great addition, and I also like to keep books as they are something I can see in the room on the shelves and browse in a totally different way. I feel the old and the new technologies all have great attributes. Moving vasts amounts of books and papers has always been difficult for me. I am painstakingly downsizing my books and that gets me to memories and the ideas within the books, as well as to the romancing the places to which the books take my imagination.
14.			

#### CHAPTER 2 Our Favourite eBook

No.	Book Name and Writer	Images	Link	Comment
1.	Harold and the purple crayon by Crockett Johnson (see how the book evolve)	HAROLE PURPER CRAYON THE CRAYON THE CRAYON THE CRAYON THE CRAYON	http://imgs.inkfrog.com /pix/dcjunker/harold_0 05.jpg http://rebeccakuder.file s.wordpress.com/2010/ 09/harold_and_the_pur ple_crayon_crockett_jo	You (referring to Sylvia Riessner who talked about the <u>immersive</u> <u>reading experiences</u> ) reminded me of my favourite children's E-book <b>Harold and the Purple Crayon which gives toddlers several</b> <b>options for reading/drawing.</b> My 2 year old grandaughter reaches for my iPad on long car trips and happily "reads" for about 1/2 hour before dropping off to sleep. by <u>Deirdre Bonnycastle</u> - Thursday, 2 February 2012, 05:34 AM

		hnson 2 jpg 1482626 2641.png http://itunes.apple.com /ca/app/harold-and-the -purple-crayon/id45082 9541?mt=8 http://www.shoppingbl og.com/2011pics/harol d and the purple cray on ipad app.jpg	Oh, Diedre, that book (the paper version) <b>was my absolute</b> <b>favourite when I was little.</b> You just made my day be reminding me of it. I had no idea there was an e-book version. I am going to draw myself a fleet of classic muscle cars in my garage and a lakefront cabin at the lake. by <u>Barbara Schindelka</u> - Thursday, 2 February 2012, 06:25 AM Very cool. Thanks for that. I think that textas we know it in a book-like formis evolving. <b>What it will look like in 20 years?</b> <b>Who knows?</b> by Julia Hengstler - Thursday, 2 February 2012, 06:38 AM
2.	Kevin Kelly's "What Technology Wants."	http://www.kk.org/boo ks/what-technology-wa nts.php	In terms of favourite experiences reading an eBook, right now the book/experience I am enjoying the most is Kevin Kelly's "What Technology Wants." I am just reading it as a PDF on my laptop, but someone really paid attention to the page and font design, and it is a joy to read, plus an amazingly thought provoking book by Scott Leslie - Wednesday, 1 February 2012, 09:16 AM

3.	Interactive Ebooks for Kids	<image/> <text><text></text></text>	http://ow.ly/9037l	<ul> <li>Not just the electronic copy of the original books.</li> <li>More interactive and engaging for children</li> <li>More of a game than just a story</li> </ul>
4.	Raymond Smullyan's logic puzzle books, such as The Lady or the Tiger and To Mock a Mockingbird,	The dy or Diger wither Logic Puzzles Raymond M. Smullyan		For interactive immersion, Raymond Smullyan's logic puzzle books, such as The Lady or the Tiger and To Mock a Mockingbird, come to mind, along with Hofstadter's Gödel, Escher, Bach. Polya's How to Solve It tries, but I think does not really succeed. Wikipedia, Google, Facebook, eBay, and indeed the entire Web have succeeded precisely because of their aspect of interactive immersion. <i>by</i> Edward Mokurai Cherlin - <i>Saturday</i> , <i>4 February 2012</i> , <i>10:59 PM</i>

5.	Thomas Crum's, Three Deep Breaths	three breaths with the second		I read mostly from my Kindle and the book I've most enjoyed is Thomas Crum's, Three Deep Breaths. He tells a story to teach the concepts of breath and stress relief and since I've actually seen him present (online) I could hear his voice in my head teaching me and helping me practice the breaths. A great read and wonderful practical application. I do wonder if part of what made it such a good experience, compared to other books, is the easy conversational writing style of the author? It just flowed. <i>by</i> LaDonna Coy - Wednesday, 1 February 2012, 03:55 PM
6.	Project Gutenberg		http://www.gutenberg. org/	Have been reading all manner of books and really love Project Gutenberg http://www.gutenberg.org/ by Alice Macpherson - Wednesday, 1 February 2012, 08:34 PM
7.				
8.	the Alice in Wonderland e-book published by Atomic Antelope.	ALC WONDERLAN	http://www.topeducatio nalapps.com/2011/12/a lice-for-the-ipad/	I think the best example of an e-book would be on that got quite a bit of hype a little while ago - the Alice in Wonderland e-book published by Atomic Antelope. by Jaymie Koroluk - Thursday, 2 February 2012, 07:02 AM
	The Fantastic Flying Books of Morris Lessmore	ACADEMY AWARDO The Annune Bour Find The Annune Books Books He MORRIS Esstore	http://morrislessmore.co m/	Entrancing both adults, children and everything in between. Nancy White

# **CHAPTER 3** Our Favourite reading device and app

No	Writer	Summary	Comments
1.	<i>by</i> <b>Scott Leslie</b> <i>- Wednesday, 1</i> <i>February 2012, 09:16 AM</i>	<ul> <li>iphone app   stanza</li> <li>small screen size</li> <li>sony eReader</li> <li>macbook   firefox plugin</li> <li>ePub work best</li> <li>PDF work best for font and layout details</li> </ul>	I have to admit - I have yet to have an eBook experience I've really enjoyed. Which I find interesting as I spend 8-12 hours a day reading electronic text! I have 3 devices I read with, and I think this is part of the issue. I have an iPhone with a bunch of different readers installed. Of these, Stanza has worked best for me. But it has not been a great experience in general - I doubt I've wanted to read for more than 15 minutes because of the small screen size, both because of general legibility (I finally broke down and got glasses last month!) but also because of how the small screen really doesn't handle flowing text well. Christmas '10 I was given a Sony eReader. I was looking forward to this, and it does have a bigger screen than the iPhone, but at 7" it still doesn't feel like a great experience and I have found myself similarly bailing after 15 minutes or so of reading. Finally, I read on ym Mac laptop. I read both ePubs (using a number of readers but also the <u>Firefox</u> plugin ePub Reader, which I do like), PDFs and of course just through the web browser. So far, honestly, the ones that have worked best are PDFs where someone has paid attention to the font and layout, and web-browsers using theReadability bookmarklet.
2.	<i>by</i> Richard Schwier - <i>Wednesday, 1 February 2012,</i> <i>01:27 PM</i>	<ul> <li>kindle as a trend</li> <li>devices dedicated for one thing</li> <li>black and white preferences</li> </ul>	But I bought the Kindle version, so we can compare. And I'm one of those folks <b>who loves the</b> <b>Kindle</b> . In fact, I think I'm recognizing a trend in my preferences: I love devices that are dedicated to one thing. Toasters toast, books present text and images, bicycles are for riding. In the same way, the Kindle feels like a book to me because it is the only thing I use it for. I know it does more, but not for me. And I kind of like reading in black and white only (or 11% gray, or whatever it is), but then, I thought the world was coming to an end when Macintosh introduced a colour machine.

3.	by Scott Leslie - Wednesday, 1 February 2012, 02:20 PM	- kindle's market strategy	So reading your other message to Julia just now, it sounds like you may have an iPad too? In which case, I'm intrigued; had I access to both a Kindle AND an iPad (that can run the kindle software, I think) I can't see why I'd want the Kindle anymore. And it seems to me that is indeed why Amazon chose to do both - a dedicate appliance AND an app. Both so they didn't constrain their market but also anticipating a day when dedicated devices disappeared.
4.	by Julia Hengstler - Thursday, 2 February 2012, 08:53 AM	- kindle lack consideration of privacy	I didn't buy a Kindle, but can tell you, if I was hauling to the beach for readingwould rather sand got in my Kindle than in my iPad! Think one of the best marketing strategies Amazon had with Kindle is having an app for computers, phones, iOS, etc. What I personally don't like about Kindle is there is little consideration of privacy. My colleague's experience was when her husband logged on to her Kindleshe now had access to his archive. If you don't want people to know what you're reading, the only real way to deal with it is to have Kindle periodically kill your account. Kindle does not let you permanently delete content from your accountit lives in your Archive or your online Media archive. I <b>actually talked to a tech at</b> <b>Amazonif you can believe itby phone last year. Told me the only way to delete my</b> <b>books was to delete the account.</b> Apparently Amazon doesn't want to have to reload books people delete then want to have back. :-s
5.	by Richard Schwier - Thursday, 2 February 2012, 09:39 AM	<ul> <li>kindle is better in sunny environment otherwise gravitating more to iPad</li> <li>iPad more engaging than plain text</li> </ul>	I think you're right, that dedicated devices, especially devices dedicated to repackaging older technologies like books, will have a short life. I bought a Kindle first, before the iPad came out. I came to like it a lot for conventional reading. Then, of course, the iPad ratcheted up the experience, and I now have the Kindle app on the iPad too. I use the Kindle when I'm in a sunny environment because it works well and the iPad doesn't in those lighting conditions. Otherwise, I'm gravitating more and more to the iPad, and of course it is far superior once we move beyond anything more engaging than plain text.
6.	by Eugene Rubin - Wednesday, 1 February 2012, 02:26 PM	<ul> <li>preset size for Nook</li> <li>should be able to change the font size.</li> </ul>	I have the new Kobo Vox, but previously had a Barnes and Noble Nook. The Nook was more or less just an ereader it was like reading a paperback and I mostly used it to read epub books from my local library. The Kobo Vox is really an android 7" tablet (with a lot of the apps that can be loaded on such a device) and has wireless WIFI to access the interent. It is a little bit bigger than the Nook. Could be a bit lighter but I can read a book on it just fine. The Nook cost me \$139.00 US when I bought it (2 years ago) and it is a lot cheaper now. The Vox cost me 179.00 on sale here in Canada which is dirt cheap for a small tablet. It is not really usable as a mini laptop (no real keyboard) but the internet connectivity is nice. Whatever reader one has, I think it is critical to be able to size the fonts to the maximum (or minimum) size your are comfortable with and the Nook

			does not allow this (they are preset). I also have to use the Overdrive reader to read epubs on the vox and that is the same. To me, this is what makes an ereader comfortable and usable to minimize the number of page turns by maximizing the words on a page.
7.	by Julia Hengstler - Wednesday, 1 February 2012, 01:13 PM	- Color uncovered, free app for iPad	One of my absolute favourite e-pubs is an app book from exploratorium called Color Uncovered. It's free. If you have an ipad and haven't downloaded it I urge you to do so.Great graphics integration, great layout and design & interactive elements for the audience. http://www.exploratorium.edu/downloads/coloruncovered/
8.	by LaDonna Coy - Wednesday, 1 February 2012, 04:43 PM	<ul> <li>the survivor, app book</li> <li>watermark touch points</li> <li>embed media to adds on reading experience</li> </ul> Each of the survivors felt a mixture of fear and relief as the captain removed the shackles. They looked at the dead, frozen ground around them in terror, certain that this would be their end. From their eyes, they had been sentenced to a slow and painful death. There was no mercy in this gesture. As the last of the accused, nineteen-year-old John Surrey, stepped off his horse and into his new freedom, he turned to the captain and spoke. "You tell Parris that his conscience shan't be any clearer for sending us here than for hanging us from the gallows. This is surely a death	Wow Julia - the Color Uncovered app book is really great - a sense of playful reading and its intriguing the way its laid out. What I think I like best is that I can learn in small bites, a little at a time. Amazing. I didn't mention my other favorite book since I wasn't sure it qualified as an ebook but it is similar to this one in that it is an app-book. Amanda Havard has an intriguing app-book with some technology that is new (and she's patented). The title is <i>The Survivors</i> and is a transformation of the original book into this app-book form. I met her dad in the Chicago airpoirt and he gave me a sneak peak on his ipad back in October - I knew I'd be buying it once it was released - I just had to see the technology in action. It isn't really my genre but the development is brilliant. She's added watermark touch points. As you read the story you'll see a light watermark on the screen, when you touch it opens a small window with additional content, like a photo of the location; a song the character is listening to; the clothes she's wearing; author notes about the character; etc. If I remember right there's more than 300 touch points. Her Dad told me that each of the book's characters would be tweeting but I haven't checked that out yet. :-) She is stretching into several forms of custom developed multimedia and then embedding them in this new way - very interesting and adds to the reading experience. I've attached a screen shot from my iphone by way of example.
9.	by Sylvia Riessner - Thursday, 2 February 2012, 04:43 PM	<ul> <li>still enjoy physical book</li> <li>GoodRead for pdf in iPad</li> </ul>	I've been following the conversation with interest. I'm a foot-dragger when it comes to switching to reading on my mobile device. I'll do it when I travel but when I have a choice, I still prefer to read for enjoyment with a physical book. I load all my work-related reading in PDFs into GoodReader on the iPad. That lets me read them easily and annotate them and save out or share chunks of them as I

			wish. Very handy
10.	<i>by</i> LaDonna Coy - Wednesday, 1 February 2012, 03:55 PM	-Whispersynch for Kindle to iPhone - ability to change font size - back lit	The other thing I like is the Whispersynch for Kindle to iPhone so when I travel I don't really need to take the Kindle, I can read on my phone and when I turn the Kindle on the next time it lets me move to the furtherest point I've read on the other device. I've grown accustomed to the small screen and really don't mind it so much since I can set the type size and its back lit so I can read without having to have an extra light source.
11.	by Clint Lalonde - Wednesday, 1 February 2012, 10:31 PM	<ul> <li>kindle less bulky than a paperback</li> <li>can read under sunlight (unlike LCD)</li> <li>resizeable font</li> <li>reading article from web</li> <li>Klip.Me + GoogleReader to kindle (push articles automatically with RSS)</li> <li>affordable gadget → doesnt hesitate to take it anywhere</li> </ul>	I'm a Kindle guy and very happy with it. Like you, Richard, I like the idea of one device - one purpose. It's distraction free reading, which I didn't realize had gone missing from my life until I got my Kindle last year. There is a lot I like about the Kindle. The form factor works nicely for me - light and I can read with one hand. Less bulky than a paperback. I can read outside in the bright sunshine - something I can't do on an LCD screen very well. Resizeable fonts for aging eyes :). But the way the Kindle has transformed my reading is that it gives me a place for reading long form articles I find on the web. I use a web service called Klip.Me in conjunction with Google Reader. I have a special folder in Google Reader called Kindle. In this folder I place the RSS subscriptions to sites that I subscribe to that publish longer form articles. Anything in that folder in my GReader gets pushed to my Kindle once a day - no ads, nicely formatted, ready to read, usually when I am in bed. And when I read with the Kindle, I read. I don't skim. Finally, the price. At around \$100, I take my Kindle with me everywhere and never think twice - to the beach, to the playground with my kids. I read in the bathtub. If I lose it or it gets broken, I am out \$100. A loss, but not a huge lose. With a tablet at 3 or 4 (or 5 or 6) times the price (and with 10 times the private info on it as my Kindle), I am much more selective about where I bring those devices.
12.	by Julia Hengstler - Thursday, 2 February 2012, 09:48 AM	- laptop → iPhone → iPad - haptic interface	I started with my laptop, but moved to my iPhonescreen was too smallthen on to iPad when I just wanted to hang out in bed, on ferry, etc. reading. Much smallerfits in my pursemuch lighter & even self-illuminating in a car at night when my husband is driving. Have to say, though, the nights in the car, I have to lower the illumination as it can be distracting for the driver. I also really like the haptic interface of touch & swipe while reading. My HP Touchsmart 2 had that, but much bigger/heavier.

13.	by Jaymie Koroluk - Thursday, 2 February 2012, 07:02 AM	- most reading in iPad except comic books	I'm an iPad user, and am slowly getting to the point where I do most of my reading on that device (except for comic books - this could be a whole other topic of discussion). They (atomic antelope) created it as an example of the potential e-books have, if they've been created and tailored to the medium: EDIT: looks like the video embed didn't work :-( Here's the YouTube link: http://youtu.be/gew68Qj5kxw
14.	Jo Ann Hammond-Meiers Friday, Feb 11, 2012	<ul> <li>Vox-eReader</li> <li>great and easier to manage</li> </ul>	I love old and new.I really like my Vox-eReader. Also,I like being able to read e-books on my computers at home and work. I have many books that comfort me and it takes time for me to let go of them or give them awayand when I do I often miss the convenience of pulling them off the shelf. Now m VOX e-Reader library is great and easier to manage yet I wonder about change over time.

### CHAPTER 4 eBook affordance

No.	Writer	Summary	Comment
1.	Scott Leslie's presentation		one copy used by many left in place / addressable allows for collaboration

2	2.	Digital Affordance	its form is not its content• infinite copy-ability• infinite change-ability/versions - it does not need to be "final" or "finished"• iterable, forkable new versions
(*)	3.	Open affordance	Serendipity as operating principle – cant guarantee if you share openly serendipity will happen, but CAN guarantee if you dont share openly, it probably WONT
		Family book sharing experiences	We linked one Amazon account w/ 2 kindles and an ipad. Three of us share books, cooperate about syncing practices and can talk about the books together!

# CHAPTER 5 Your writing experience

No.	Writer	Summary	Comment
1.	<i>by</i> Deirdre Bonnycastle - <i>Friday, 3 February 2012, 01:39</i> <i>PM</i>	- wiki - use of stats	I love writing/creating. My favourites recently have been my wiki http://medicaleducation.wetpaint.com/ where I get 1000 readers a month and my paper manual for our two day teaching wksp. I recently received over 300 requests for the manual from universities North America wide, so yes I have been thinking about e-publishing. Smile!
2.	by Deirdre Bonnycastle - Wednesday, 1 February 2012, 11:53 AM	- blog → book	So here is a little tale to kick off the idea. My nephew kept a blog for two years about his experience as a new teacher, self published the blog as a book then used it to get a full 4 year scholarship in a PHD program. So who says self advertising doesn't work. LOL
3.	<i>by</i> <b>Richard Schwier</b> - <i>Friday, 3</i> <i>February 2012, 12:46 PM</i>	- superstition	Here's a little superstition of mine: I almost always start a new writing project by going to an office supply store (and a superstore is even better). In Saskatoon, I'll go to the nearest Staples and wander up and down the aisles, fondling pencil sharpeners, picking out some new gel pens, finiding just the right kind of binder and notebook. I consider it an act of writing, not brash consumerism. As I walk around I'm thinking constantly about my writing project. I consider what I want to do with it and what it might look like when I'm done. I fuss over what things might help me build my writing

			nest. When I'm finished, I have fresh energy for starting a new project and a few new shiny objects to play with during the process.
4.	<i>by</i> <b>Richard Schwier -</b> <i>Friday, 3</i> <i>February 2012, 06:15 PM</i>	<ul> <li>google analytics</li> <li>audience to ignite interest in writing</li> </ul>	There's nothing like an audience to ignite an interest in writing more, right? :-) I've had the same experience. I'm running Google Analytics behind my download page for my latest book and it is soooo much fun seeing how many people are downloading it and seeing where they come from. That's way better than a small royalty cheque arriving 18 months after a book is published. Really. It is.
5.	<i>by</i> Alice Macpherson - Friday, 3 February 2012, 02:43 PM		Finishing my doctoral thesis and sending it out into the world has been the most enjoyable writing/publishing that I have done recently. One that I am particularly fond of is a couple hundred pages on Cooperative Learning of which the bulk is strategies that have been documented from my colleagues and some ideas on building your own techniques. The novel that I collaborated on is making me think more about writing more fiction.
6.	<i>by</i> <b>B Ferrell</b> - <i>Friday, 10</i> <i>February 2012, 07:01 AM</i>	- forum wiki → problem adding pages	I started putting together ebook resources a few months ago when I was doing some research for resources on mobile learning. I tried to put it in the forum wiki, but then I couldn't add any more pages and wasn't really sure I was supposed to add anything there, so I posted my current resources on my blog. I put a couple of the links from the discussion in the links section. http://bevslidbasecamp.blogspot.com/2012/02/writing-anebook-table-of-contents.html Bev Ferrell (Edited by Sylvia Currie - original submission Thursday, 9 February 2012, 06:32 PM. Added hyperlink.)
7.	by Kirk Kezema - Thursday, 2 February 2012, 02:51 PM	<ul> <li>book creator app in iPad</li> <li>ease to add images</li> <li>enter text and audio</li> <li>ability to email books</li> </ul>	I recently have created my first e-pub book using an app called Book Creator on my iPad. The process was very simple and entertaining. The app allowed me to easily add images from my iPad library or capture new images using my iPad camera. I was then able to enter text and add audio or voice to the book. When the book was complete I saved it and published it to iBooks. It now sits on my iBooks shelf available to read (or listen) whenever I feel the desire. Another neat feature is that I can send it to people through email. It asks if they want to view it in iBooks and then sends it to their shelf to view. This whole process was quite simple and my four year old daughter is now completing her first e-pub book, focusing on learning her ABC's. I see this process so intuitive for elementary level children.

8.	<i>by</i> Susanne Nyrop - Friday, 3 February 2012, 02:41 AM	- hypercard	On writing these first experiences with the early e-book-alike development, I come to think of the blurred boundaries between the author/developer and the reader/contributor for this kind of interactive authorware. Hypercard fans who are still unhappy this tool was discontiued by Apple in the late nineties, claim this was the very reason: the programming power was let over to the people as users. Right now I am dreaming of some archaeological digging back in my old dusty macintosh storage to find out what it would look like today: the name of this project with the four year old was: The Little House on the Screen.
9.	<i>by</i> Richard Schwier - Friday, 3 February 2012, 11:07 AM	- hypercard as an authoring tool	Ohhhhh myyyyy, you just hit me with a wave of nostalgia! HyperCard remains my favourite all-time tool, I think! And you're right. It was definitely an authoring tool for designing many of the kinds of things we're talking about in this seminar.
10.	<i>by</i> <b>Sylvia Currie</b> <i>- Friday, 3</i> <i>February 2012, 01:24 PM</i>		The good ol days! Hypercard is the reason I've hung onto this beast for so long!

11.	<i>by</i> Alice Macpherson - <i>Friday, 3</i> <i>February 2012, 01:44 PM</i>	- pdf	I feel that I am hopelessly behind the curve here. I have written a number of items that have become .PDF objects and then sent out into the world via email or websites or flash drives. Some of them have been solo and some have been collaborative items (inlcuding a currently 'unpublished' science future novel that I had a hand in) I have not used any of these new tools. And I missed HyperCard on the other end. The enjoyable part of writing for me is exchanging ideas with others. Like this.
12.	<i>by</i> Edward Mokurai Cherlin - <i>Saturday, 4 February 2012,</i> <i>09:19 PM</i>	<ul> <li>no political recognition for e-publication</li> <li>some countries actively replacing their textbooks with epubs</li> </ul>	I have collaborated on several e-pubs at FLOSS Manuals, starting with How to Bypass Internet Censorship, and I am now running the Sugar Labs program for Replacing Textbooks with e-pubs under Creative Commons. We have projects for math books, and also civics, development economics (how to end poverty), and other subjects. The best part is that I get to make presents for millions of children every day, and that we may eventually reach the whole billion or so of them all at the same time, in a hundred or more languages. The frustrating part is that there is almost no political recognition of the fact that computers with Free Software and Creative Commons content cost less than printed textbooks, so that we have an opportunity to improve education while decreasing costs. I say almost no recognition, which is true in the US and Europe, but there are three countries actively replacing their textbooks with free e-pubs: Bangladesh, Uruguay, and South Korea. It is the old story of the bleeding-edge early adopters vs. the "We've never done it that way" laggards, who will have to be dragged kicking and screaming into the future. But it's OK. Nothing can stop us now.
13.	<i>by</i> Edward Mokurai Cherlin - <i>Saturday, 4 February 2012,</i> <i>10:59 PM</i>	- interaction immersive example	At the school level, have you seen my e-pub, Discovering Discovery? It is far from finished, but I think it shows what we could do if we take interactive immersion seriously, and do not suppose that children can only learn what teachers teach. http://booki.treehouse.su/discovering-discovery/
	Nancy White	The pain of going paper book to ebook	

(- I)		
/		

# **CHAPTER 6** Tips for writing eBook (Includes the worst experience reading eBook)

No	Writer	Summary	Comment
1.	<i>by</i> <b>Terrie McAloney</b> - <i>Thursday, 2</i> <i>February 2012, 09:58 AM</i>	- Serif better for screen	There is research that reading on the screen is easiest with sans-serif, but on paper is serif so that brings the question - if we are printing an e-book should be in serif? Also, there is research on colour and emotions and learning - would this be another reason why books are mainly black/white/grey.
2.	by Julia Hengstler - Thursday, 2 February 2012, 10:34 AM	- CSS style for print and screen display	I know with CSSstyle sheetsin web design, you can display in one font and force it to print in another. Think that should be standard in epub if you want to follow best practice indicated by research.
3.	by Hilda Anggraeni - Friday, 3 February 2012, 11:10 AM	- Why serif?	Resource: <u>http://www.webdesignref.com/examples/textex.htm</u>
4.	by Don Beadle - Monday, 6 February 2012, 11:06 AM	- Black and white is the worst colour combination for people with reading difficulty	I attended an interesting seminar at a recent online learning symposium, the presenter, from TRU but his name escapes me, had researched this very thing, and found guess what, for people that have difficulty reading, black and white is the worst colour combination. I will try to dig up the reference, as I cannot remember which colour combinations were preferable.
5.	<i>by</i> <b>Richard Schwier</b> - <i>Thursday,</i> 9 <i>February 2012, 11:18 AM</i>	- The reader decide how the product used.	Thanks, for this interesting idea, Gabi, and it reminds us that no matter how we design, it is ultimately the reader who will decide how our products will be used. We can persuade people by taking full advantage of multimedia and interactive affordances of e-books, but it doesn't mean people will consume them in the way we intended.
6.	<i>by</i> <b>Richard Schwier</b> - <i>Monday,</i> 6 <i>February 2012, 10:18 AM</i>	<ul> <li>Scrivener for writing big project</li> <li>divide the parts into chunks</li> <li>getting away from linear mindset</li> </ul>	Heather Ross reminded me of Scrivener, a wonderful little tool for writing big projects (books, screenplays, etc) that she told me about when I was starting my e-book project and expressing some frustration with traditional word processors. Scrivener allowed me no, almost forced me to write in pieces, and it made me think differently about the chunks of material I was producing. Getting away from a linear mindset in my writing made a huge difference to me.

		- calibre for converting format	Then, also in another part of this seminar, Nicolas Bowskill mentioned: "There's also things like Calibre software for converting from one ebook format to another and for creating ebooks from scratch. They can even be saved in pdf, epub or mobi (or all 3) so that they can be read on any device." "When you create and post to Amazon I think you give away a good chunk of the price but you set that price in the first place. Plus you'll get one of the most popular shop windows there is. In addition, Amazon won't kick back your book like Apple might. You can publish whatever you like whenever you like for whatever price you like."
7.	<i>by</i> Don Beadle - <i>Thursday</i> , 9 <i>February 2012, 11:18 AM</i>	booksprint approach	after viewing the recorded seminar, perhaps using the booksprints approach may help overcome inertia, although we are not in the same room as sylvie pointed out, we are writing about e pub by discussing e pub
8.	by Scott Leslie - Thursday, 9 February 2012, 12:24 PM	<ul> <li>booksprint metodology</li> <li>p2pu organizing group → synchronous voice chat and etherpad document</li> </ul>	<ul> <li>if you haven't read it, the Booksprint methodology page (and the site as a whole) is a great intro to the concept and practice.</li> <li>I think the idea has real merit, especially because a good chunk of content for the proposed book will already have been created in these forums and discussions and so a lot of what remains will be collaborative rearranging, massaging, filling in the gaps, and the approach is not only good for that, it also respects the fact that we're dealing with lots of busy mid-career working people, and this would help it not drag out</li> <li>one group that has pioneered an approach that, while not identical to booksprints, is close and shows how well this can work virtually, is the P2PU organizing group. Their technique (from what I've heard - I have not participated in these) is a combination of synchronous voice chat (any of elluminate, skype or google hangout could work) side-by-side with an etherpad docu</li> </ul>
9.	<i>by</i> Richard Schwier - Friday, 3 February 2012, 11:00 AM	<ul> <li>inDesign and Pages → ePub</li> <li>hyperlink and images</li> <li>had problems with video embedding</li> </ul>	A number of programs can export epubs (inDesign, Pages) and if you start with a simple template and add things as you normally would, you'll probably find it pretty easy to get a first draft together. I'm a Mac user, so I used Pages and their template for e-pubs. It helped a lot. There were still a lot of things to learn and deal with, and I still haven't figured out all of them, but it was a good place for me to start. Hyperlinks and images were relatively easy to deal with, but there were some tricks I picked up along the way. Video was another issue. I never did get embedded video to work for me consistently, but I have a graduate student who has it all sorted out, so I'm anxious to find out how he solved my problems.

			I'll be starting a discussion thread on some of the technical stuff around writing epubs in the coming days (thought I'd wait until Scott introduced things). I'd love to share software ideas and coding horror stories! :-) If you're looking for some good reference material on this stuff, I really like Liz Castro's publications. Check them out at http://www.elizabethcastro.com/epub/
10.	by Jaymie Koroluk - Thursday, 2 February 2012, 07:02 AM	<ul> <li>worst experience : bad formatting (copas from traditional book)</li> <li>different medium require different thinking</li> </ul>	Having said that, some of the WORST e-book experiences I've had come from situations where publishers think they can copy-and-paste material from "traditional" books straight into e-book format without considering the medium. Formatting gets lost, punctuation doesn't work properly, pagination is crap drives me nuts. It reminds me of people who try to take f2f courses and learning experiences and dump them into online formats and expect them to work. New environments/platforms call for new thinking, and this applies to books too. So maybe I need to start at the beginning, and ask what an e-book is, and how that's different than paper books? If anyone can point me to some good writing and discussion on this, I would appreciate

# CHAPTER 7 The future of eBook

Example of an evolved book, harold and the purple crayon.

No.	Writer	Summary	Comment
1.	by Valerie Taylor - Friday, 3 February 2012, 03:59 AM		As much as I love eBooks (Kindle, iPad, iPhone, laptop), I have to wonder how these will hold up to the test of time. We visited a wonderful library in Switzerland and viewed books written in the 800's. Having worked in IT for many years, I have seen data lost forever because technologies changed or

			destroyed the media rendering this information useless or unreadable - paper tape, magnetic tape in all formats, floppy discs Just thinking.
2.	<i>by</i> <b>Richard Schwier</b> - <i>Friday, 3</i> <i>February 2012, 08:28 AM</i>	- will e-publication receive attention to permanence	One of the characteristics of traditional books is permanence. We gather them, store them, and in many cases display them almost as trophies in office spaces. I wonder if e-publications will receive the same level of reverence and attention to permanence? Is an e-pub, by its very nature, considered to be less permanent and more effervescent? Do we have different expectations?
	by Richard Schwier - Saturday, 11 February 2012, 01:31 PM	augmented reality	For example, I would really love it if e-books could start taking advantage of augmented reality in the future. You probably already know about augmented reality the mashup of real-world and computer generated material to build some kind of composite treatment  For example, I would really love it if e-books could start taking advantage of augmented reality in the future. You probably already know about augmented reality the mashup of real-world and computer generated material to build some kind of composite treatment  For example, I would really love it if e-books could start taking advantage of augmented reality in the future. You probably already know about augmented reality the mashup of real-world and computer generated material to build some kind of composite treatment  For example, I would really in the future. You advantage of augmented reality applications. This stuff really makes my head spin. I have all of these Hogwarts-inspired fantasies about three dimensional characters rising out of a page and talking to me. I can imagine choosing different combinations of chemicals and mixing them together and experiencing the reaction in real time. I could see a collection of hockey cards, where if you lay them out on a table, the players knock a puck back and forth. I fantasize about holing the page of a recipe, and being guided through my supermarket to buy the ingredients. I would love to see Mark Twain sitting atop my page, complete with rocking chair and pipe, and talking to me about writing Huckleberry Finn.

by Susanne Nyrop - Monday, 13 February 2012, 02:49 AM	large touch screen	Richard, the photo wall with examples from possible and existing digital augmented reality gives me the opportunity to share my impressions of a recent visit with granddaughters age 10, to the State Museum of Art here in Copenhagen. It was on a stormy rainy day, so getting indoor felt really nice. The building is huge and impressive, there were some practicalities around getting rid of winterly outfit in the wardrobe, some typical and outspoken twin negociations around turn taking of the closet door with the coin insert and key, taking the stairs or the elevator, etc . Not very much attention to the fact that wthey were going to have a great time with old paintings. The traditional permanent exhibitions are on first floor, with four posssible starting points (and free entrance). I let serendipity rule and we entered the European paintings from about 1400 to 1850 I think. The kids were instantly drawn towards a large touch screen, placed horizontally like a work table, and without asking for any sort of instruction, they just started experimenting. There were many different layers - all paintings from a certain period, related motives, or by artists who had influenced one another. by finger touch, the kids were able to browse the collection and find their own ways into this new world of art. The table had two sides with independent workplace, but some moves would influence on the whole screen. They could listen to spoken descriptions with headphones, which they really enjoyed. There were also written notes with factual knowledge about the artists and their works, but as they are both still in the phase of making sense of unknown words, this did not hate the same appeal as the image based inspiration. After about ten minutes of exploring the digital marvel scren, they turned wround - and found the walls around them covered with paintings that they already knew by proxy! Now they were ready to walk (or run) around an explore details, ask all sorts of questions and learn a great deal of the cultural history that th
by Richard Schwier - Monday, 13 February 2012, 11:14 AM		I designed some touch screen kiosks for a local cultural centre in Saskatoon in 1986 and 1990 yes, using the big 12" optical videodisc technology that was the bleeding edge of technology and the time. I loved working on the project, but enjoyed even more going back to the centre and eavesdropping on kids and parents who used the displays. Hard to believe, but one of those projects is still running today, 22 years later. I think the secret to its

	success was exactly what you described it invited kids to explore, and it didn't present a bunch of static information.

#### RESOURCES

- SCoPE seminar: http://scope.bccampus.ca/mod/forum/view.php?id=8951
- recording session on Scott's presentation
  - <u>http://www.slideshare.net/sleslie/open-textbooks-authoring-models-and-tools</u> (Scott's presentation slides)
  - presentation: <u>https://sas.elluminate.com/p.jnlp?psid=2012-02-07.1400.M.02E3269007F269B083CF8F599F7AE0.vcr&sid=977</u>
- TOETOE Technology for Open English, Toying with Open E-resources <a href="http://www.alannahfitzgerald.org/">http://www.alannahfitzgerald.org/</a>
- <u>http://bevslidbasecamp.blogspot.com/2012/02/writing-anebook-table-of-contents.html</u>
- Richard's video <a href="http://www.youtube.com/watch?feature=player\_embedded&v=T\_DNVR3SkWI">http://www.youtube.com/watch?feature=player\_embedded&v=T\_DNVR3SkWI</a>
- Temple U. Project Ditches Textbooks for Homemade Digital Alternatives
- Panel Ponders Future of Open-Education Resources
- "A classic medical text goes hi-tech, iPad style"
- <u>www.le.ac.uk/duckling</u>
- http://www.elizabethcastro.com/epub/

#### IMAGES

Here are some images that I dashed off a week or so ago when I first scanned this site...they may not be relevant anymore...but feel free to use them if they are still useful or let me know if I can be helpful when the content gets more finalized. (Susan Stewart: susanll.stewart@gmail.com)









