



Københavns Universitet



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*Published in:*  
Journal of Documentation

*DOI:*  
[10.1108/JD-02-2016-0013](https://doi.org/10.1108/JD-02-2016-0013)

*Publication date:*  
2017

*Document Version*  
Early version, also known as pre-print

*Citation for published version (APA):*  
Engström, L., & Rivano Eckerdal, J. (2017). In-between strengthened accessibility and economic demands: analysing self-service libraries from a user perspective. *Journal of Documentation*, 73(1), 145-159.  
<https://doi.org/10.1108/JD-02-2016-0013>



**In-between strengthened accessibility and economic demands: analysing self-service libraries from a user perspective**

Journal:	<i>Journal of Documentation</i>
Manuscript ID	JD-02-2016-0013.R1
Manuscript Type:	Article
Keywords:	Public Libraries, User studies, Self-service libraries, Critical discourse analysis, Library users, Sweden

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## In-between strengthened accessibility and economic demands: analysing self-service libraries from a user perspective

### Introduction

Technological progress in interaction with social and political development in the industrialised world has resulted in expectations on round-the-clock service (see e.g. Kuroda and Yamamoto, 2012, p. 1037). Nowadays there are shops that never close and via the Internet you can make transactions and pay your bills in the middle of the night and look at your favourite television series whenever it suits you. This fact also influences the users' expectations on public services, such as libraries. In Southern Sweden (Region Skåne), an increasing number of public libraries have developed a service of extended opening hours for their users, with no staff in the facility. This service is called "meröppet" which literally translates into "open more". In this paper, we will look closer at this development from a user perspective. We understand libraries that are "open more" – or self-service libraries – as one expression of how libraries try to adapt to the societal changes sketched above. We are interested in what implications such adaptations may have for the relation between user and society and therefore in the role the public library may play today. Libraries, as well as other public institutions, are integrated in, and contribute to, processes of societal changes and at the same time are shaped by these same processes. In that sense, we understand the implementation of self-service in libraries as an expression of changes in society, changes to which self-service libraries also contribute to.

The number of self-service public libraries in Sweden is increasing. However, self-service libraries are not an exclusive Swedish phenomenon. In Denmark the implementation of self-service took off in 2010 (Johannsen, 2012, p. 340) and self-service libraries also exist in for example Singapore and Taiwan (Ngian Lek, 2003; Tseng, 2009). Nevertheless, Swedish self-service libraries diverge in one important aspect from, for example, Danish self-service libraries. Several communities in Denmark established self-service libraries in order to cut costs (Johannsen, 2012, p. 335), whereas in Sweden the financial issue has not usually been put forward as the reason for the implementation (cf. Johansson et al., 2014, pp. 2-3).

"Self-service libraries" as a term is somewhat confusing as there are several other terms used to describe these libraries.<sup>1</sup> The concept the terms refer to may vary as well. Throughout this paper, we use the term "self-service library" to describe a library that during some of its opening hours is unstaffed but open for registered users to enter and use its services.

A library is a complex institution, including a physical space, the materials and services the library provides, and a staff. These aspects in combination shape, among other things, the users' expectations about and perceptions on the library. If one aspect is excluded, in this case the physical presence of staff, it is reasonable to assume that the users' expectations and perceptions will be affected. Our aim in this paper is therefore, by means of interviews and observations, to look into how the implementation of self-service affects users' expectations and perceptions of the library. Furthermore, we aim to explore how the self-service library and the users' expectations can be understood in a library-context that is characterized by

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<sup>1</sup> Terms used are e.g. "staff-less libraries", the Danish "Åbne biblioteker" which translates into "Open libraries" and the Swedish "Meröppna bibliotek" which literally means libraries that are open more.

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3 political, technological and societal change. The purpose is to contribute to a greater  
4 understanding of public libraries in general and self-service libraries in particular and to  
5 deepen the knowledge of users' relations to the library. To accomplish this, we raise the  
6 following research questions:

7 Does the implementation of self-service change the practices at the public library and, if so,  
8 how?

9 Are the users' expectations and conceptions of the public library affected by the  
10 implementation of self-service and, if so, how?  
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13 The disposition of the paper is as follows. First, a background introducing research on self-  
14 service libraries and critical LIS-research is presented. Then, the theoretical framework –  
15 consisting of concepts from critical LIS-research, Fairclough's critical discourse analysis and  
16 Habermas' theory on the systems colonisation of the life-world – as well as the methodology  
17 used are introduced. The theoretical framework is then used in the analysis of the empirical  
18 material. Finally, some probable implications for users and libraries in a societal context are  
19 derived from the analysis and pointed out.  
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## 24 **Background**

25 Although the number of self-service libraries is increasing in Sweden and elsewhere, thus far,  
26 not much research has been conducted in the field. A few papers and scientific reports have  
27 been published. Johansson and colleagues (2014) examine the consequences of the  
28 implementation of self-service on public libraries in the south of Sweden, regarding both the  
29 staff's professional role and the libraries' function in the community. Johannsen's (2012)  
30 study of self-service libraries in Denmark explores characteristics of users of self-service and  
31 their practices at the library. Both the Swedish report and the Danish study adopt a  
32 perspective that includes the social context discussing self-service libraries in relation to the  
33 surrounding community.  
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37 In contrast, papers describing self-service libraries in Singapore and Taiwan focus on  
38 technical solutions and demands. Ngian Lek (2003) describes the use of RFID and "cybrarian  
39 service" at a self-service library in Singapore. Tseng's (2009) case study on a self-service  
40 library in the subway in Taiwan focuses on practical and technical aspects, but it also includes  
41 reasoning about users' needs and expectations. The departure point in Tseng's and Ngian Lek's  
42 studies differs from that of this paper, as we strive to analyse and discuss a process rather than  
43 to describe the self-service library.  
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46 This paper relates to critical LIS-research concerning the changing societal role and position  
47 of public libraries. We are inspired by research that positions the public library in a complex  
48 context with different relationships between social and economic circumstances and power.  
49 Such research includes Carlsson's dissertation (2013, p. 12), in which she discusses how  
50 technological innovations and new demands from users as well as politicians contribute to  
51 what at times is referred to as a crisis for the public library. Some researchers call upon new  
52 technologies or "the information age" as explanatory factors of this crisis (see e.g. Chowdhury  
53 et al., 2006). In contrast, Buschman (2003, p. 170) argues that it is "the lack of debate or  
54 consensus on the reconstructed economic purposes of librarianship in information capitalism  
55 that is the source of much of our crises culture".  
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4 Buschman is not the only one exploring the consequences of the economic discourse in public  
5 libraries. Kann-Christensen and Andersen (2009, p. 209) argues that libraries tend to “/.../take  
6 over a neo-liberal way of thinking” when quantitative measurements and cost-effectiveness  
7 are encouraged and related to the legitimacy of libraries. For libraries, the question on  
8 legitimacy is vital in order to maintain funding and public support. However, legitimacy is not  
9 a new issue for libraries, although the focus on external legitimacy is. External legitimacy  
10 relates to the last decades’ breakthrough of New Public Management (Hansson, 2015, p. 9-  
11 10). Accordingly, public libraries legitimize their activities in relation to perceived economic  
12 outcome and strive to increase their visibility in a struggle for attention (Hansson, 2015, p. 11;  
13 Jochumsen and Hveenegaard Rasmussen, 2006a, p. 188).

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16 When depicting the risk of an increasing influence from an economic discourse, Buschman  
17 (2003) makes use of Habermas concept *the public sphere*. Libraries contains the potential of  
18 public spheres, places where multiple publics with diverse perspectives and discourses can  
19 meet and communicate as an essential part of a democratic culture, Buschman (2003, pp. 178-  
20 179) argues. However, if logics derived from economy is incorporated into the library,  
21 democratic values are undermined (Buschman, 2003, p. 176).

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24 The notion of the library as public sphere is closely related to the library as place. The library  
25 as place is a useful concept to understand physical as well as social aspects of libraries (Fisher  
26 et al., 2007, pp. 135-136). In this context, the framework of *third places*, a concept originally  
27 coined by Oldenburg, is also relevant. Oldenburg mentions cafes and bookstores as examples  
28 of third places – places for social interaction that is not at home and not at work (Aabø and  
29 Audunson, 2012, p. 141). In a field study, Fisher et al. (2007, p. 152) concludes that the  
30 Seattle Public Central Library meets three of Oldenburg’s seven criteria for third places: the  
31 library occurs on neutral ground and users may come and go as they please, the library is  
32 accessible to all and thus encourage social interaction, and the library is “home away from  
33 home”. In addition, Fisher et al. (2007, p. 153) highlights the library’s ability to link people of  
34 “different types” together.

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37 The diversity that characterize library users is also a defining aspect of what Aabø and  
38 Audunson (2012, p. 140) refers to as *low-intensive meeting places*. At low-intensive meeting  
39 places a person whose main interest in life is for example flowers may bump into a person  
40 searching for information on a specific football player or material concerning an ongoing  
41 election, and thereby might be exposed to a complexity of interests and values (Aabø and  
42 Audunson, 2012, p. 140). Libraries’ ability to enable such meetings is an important aspect of  
43 the library as public sphere. However, social interaction and diversity are threatened by the  
44 commodification of public places such as libraries (Leckie and Hopkins, 2002). Thus, Leckie  
45 and Hopkins (2002, p. 360) believe the ongoing ideological shift in libraries towards an  
46 “encroachment of private interests” risks the library as a public place. This risk may even be  
47 more prominent today since the relationship between public libraries and political goals  
48 situated outside the library, such as economic growth, tends to deepen (Carlsson, 2013).

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51 Budd’s (1997, p. 307) discussion on “the notions of library users as customers and of library  
52 services as commodities” is another example of how democratic values are threatened when  
53 economic discourse penetrates the library. Budd (1997, p. 313) discusses how using the word  
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3 “customer” implicates the library user as a purely economic being and the relationship  
4 between the library and the user as a relationship between business and customer. However,  
5 the library user is not a purely economic being, because the user is not able to maximize his or  
6 hers utility, partly due to difficulties in establishing beforehand what the library has to offer  
7 (Budd, 1997, p. 314). In addition, the relationship between a user and a library is not the same  
8 as between a customer and a business. For example, if private businesses like McDonalds do  
9 not meet all people’s needs it is not a problem, because McDonalds only target specific  
10 groups (Budd 1997, p. 315). In contrast, public libraries are supposed to provide equal access  
11 to information to all (Buschman 2003).  
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15 The notion of users as customers relates to what Vestheim (1998, p. 448) refers to as *the*  
16 *instrumental mistake*. If librarians do not distinguish between a social action in a relationship  
17 with another human being on one hand, and an instrumental action in a customer-relationship  
18 on the other hand, the mistake is conducted (Vestheim, 1998, p. 448). A consequence of the  
19 instrumental mistake may be a dehumanisation of the relationship between users and  
20 librarians.  
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23 Like aforementioned scholars, D’Angelo (2006) criticizes the influence of an economic  
24 discourse. However, D’Angelo takes a partly different departure point. For example, while  
25 Buschman (2003, p. 180) stresses the need to discuss questions like “What is the dividing line  
26 in emphasis between entertainment and more serious material in the library?” and puts the  
27 discussion per se in focus, D’Angelo (2006, p. 85, 118) advocates the librarians role as  
28 gatekeepers *knowing* the difference between “high and low culture” and simply addresses  
29 infotainment as a threat to reason and eventually also to librarianship. Thus, there are several  
30 ways to conceptualize how the economic discourse is affecting the library and different  
31 approaches on how to address these changes.  
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35 At the same time, the function of public libraries as democratic and empowering spheres is  
36 not an axiomatic issue. Hansson (1999), Skouvig (2004), and others have shown a historic  
37 tension within public libraries, including for example a struggle between those who strive to  
38 supress conflicts and those who strive to strengthen the working class or other marginalized  
39 groups. This tension relates to the question how libraries constitutes public spheres and if  
40 libraries via low thresholds, free accessibility to information and focus on user needs can  
41 favour users’ abilities to be active citizens. The tension also highlights the changing and  
42 dynamic character of public libraries and libraries democratic role.  
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46 We situate self-service libraries in this complex and dual setting, which in a simplified  
47 manner can be described as constituted by on one hand the influence of an economic  
48 discourse, and on the other hand a democratic potential. For example, self-service libraries  
49 can be assumed to strengthen local identity, and therefore contribute to socio-economic  
50 utility, and to be a cost-efficient way to “brand” the library in a modern light, which relates to  
51 an economic discourse (Carlsson, 2013, p. 47, 52). However, the implementation of self-  
52 service can also result in increased accessibility and encourage independent use of the library,  
53 which relates to, and even may have the potential of strengthening, the library as public  
54 sphere.  
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### Theory and methodology

The theoretical framework consists of previous critical LIS-research, including research that analyse library discourses, Faircloughs critical discourse analysis and Habermas theory of the colonisation of the lifeworld. Below, a brief overview of them is presented.

Critical LIS-research, discussing how public libraries are part of societal changes including an overall digitalisation and a political shift that favours effectiveness and measurability (e.g. Vestheim, 1997; Jochumsen and Hvenegaard Rasmusen, 2006a), inspires us. These processes of digitalisation and increased economic influence also reflect, and are influenced by, a cultural policy that highlights events and experiences as important cultural expressions (Carlsson, 2013, p. 12). At the same time as these changes are material and have material effects, such as how the libraries are designed and what activities they pursue, the changes are also embedded in a discursive context.

Hedemark (2009) analyses debates and discourses on the public library in Swedish media between 1970 and 2006. Two of the discourses that she identifies are useful for our study. The first discourse is *the book discourse*, which is associated with good quality printed books and popular education (Hedemark, 2009, p. 4). The second one, *the community centre discourse*, calls for a library that provides different kinds of activities in the centre of the community (Hedemark, 2009, p. 4). In our analysis, we also adopt a third discourse, *the economic discourse*, which articulates the libraries role for other policy areas such as economic growth (Carlsson, 2013, p. 51). In the discussion below, we investigate how these three discourses are in different ways prevalent in the users' apprehensions and understandings of the library. Although they all are still present, the book discourse is foremost associated with the early 1970's (Hedemark, 2009, p. 49) and the economic discourse became more prominent during the 1980's, in conjunction with the breakthrough of New Public Management (Kann-Christensen and Andersen, 2009).

Fairclough's theories on discourses, Critical Discourse Analysis (CDA), are also drawn upon in our analysis. Fairclough understands discourse as both constituted by and constituting the social structure and describes the relation between discourse and social structure as dialectical, whereas social structure ".../is both a condition for, and an effect of, the former" (Fairclough, 1992, p. 71). Discursive practice is always an aspect of social practise. However, a social practice does not always contain a discursive practice, as a social practice can be constituted by solely non-discursive elements. This means that Fairclough differentiates between discursive and non-discursive practises (Fairclough, 2003, p. 25). In the discussion, the interviews are therefore treated as texts and analysed as discursive practices, but are also contextualised in relation to interdiscursive aspects as well as the social practice that surrounds them.

In the second part of the analysis, we combine the discourse analysis with Habermas' theory of the colonisation of the life world, in order to sharpen the analysis of the social practices. The breakthrough of the economic discourse can be viewed in contrast to the democratic role of libraries, which in turn can be understood through the theoretical work of Habermas (1996, p. 276). From a habermasian point of view, libraries embrace a democratic potential because they can be a public sphere for debate and communicative action, as well as organising and making information available (Buschman, 2005, pp. 9-10). However, when economic steering mechanisms, with focus on efficiency and a commercialised view, penetrate the life-world

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3 and public spaces that hitherto have been interlinked with it, the library as a public sphere is at  
4 risk.

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6 Our empirical material includes nine semi-structured interviews and seven observations  
7 undertaken at three self-service public libraries in Sweden. An additional participatory  
8 observation and one interview performed at a public library that implemented self-service at  
9 the time the study was conducted, are also included. The observations are referred to as  
10 Observation1, Observation2 etcetera.<sup>2</sup> When conducting the interviews, a flexible interview  
11 guide was used, with the interviewer being open to perspectives and twists not planned in  
12 advance and the interviewee being able to influence the conversation (Holme and Solvang,  
13 1997, p. 99). The interviews were recorded and transcribed and the chosen statements  
14 translated from Swedish. We refer to the interviewees as User1, User2 etcetera.<sup>3</sup>

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18 The analysis begun already by the time the interviews and observations were taking place and  
19 it proceeded during the work with and reading of the transcripts and field notes. We have  
20 allowed the theoretical framework to influence our readings of the empirical material, at the  
21 same time as the material has highlighted certain aspects of the theories. In this process,  
22 patterns and analytical access points have been noticed and constructed with the help of CDA.  
23 The result of the analysis is presented in two parts, each consisting of themes where the  
24 empirical material is viewed through the lens provided by Fairclough's CDA model.

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28 As in qualitative studies in general, the obtained material is limited regarding the number of  
29 interviews and observations that have been undertaken and the results are not to be  
30 generalized. Nevertheless, the material is rich and in combination with the theoretical  
31 framework, it constitutes a productive source for a fruitful analysis and discussion relating to  
32 the research questions.

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35 CDA is both theory and method. The methodological implications consist of the procedures  
36 undertaken in the analysis and interpretations of the material. Fairclough (1992, p. 71, 2003,  
37 p. 3) makes use of a text concept that includes spoken as well as written language. In this  
38 study, most of the text, both the interviews and conversations during the observations, is  
39 originally spoken language. In order to capture the broad analytical picture of communicative  
40 events, Fairclough (1992, p. 72) created a three dimensional model including the social  
41 structure on one side of the spectrum and the concrete text on the other. Each dimension  
42 relates to an analytic and theoretic tradition, and they are as follows: 1) text (linguistic  
43 analysis), 2) discursive practice (analysis of practice from the agents' point of view) and 3)  
44 social practice (macro-sociological analysis of practices in relation to structures). The analysis  
45 of the *text* focuses on the vocabulary. The following aspects are central for this paper:  
46 *metaphors*, *modality* and *word meaning* (Fairclough, 1992, p. 75). A key concept in the  
47 analysis of the *discursive practice* is *interdiscursivity*, which is how the text and its discursive  
48 elements relate to previous texts and elements (Fairclough, 1992, p. 85).

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56 <sup>2</sup> A list of the observations, including information on dates and place, is appended at the end of the paper

57 <sup>3</sup> A list of interviews and corresponding libraries is appended at the end of the paper.



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3 In this paper the first and second dimension in Fairclough's model are analysed together. The  
4 purpose of the analysis of the third dimension is to capture the *social practices* that surround  
5 the discursive practice (Fairclough, 1992, p. 237). The social practices are also non-discursive  
6 and consists, for example, of certain "...practices and pre-existing relationships..." (Winther  
7 Jørgensen and Phillips, 2002, p. 62). In this part of the analysis, we make use of the complete  
8 theoretical framework described above in order to capture also non-discursive elements that  
9 constitute the social practice.  
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### 11 12 13 14 **Findings and discussion**

15 Six themes were identified through the analysis of the material produced during the interviews  
16 and the observations. The themes are: *to borrow and return material, to integrate visits at the*  
17 *library in everyday life, disturbances in the use, the library as place, the service and*  
18 *accessibility*. The first three themes relate to the users' practice in the library and the last three  
19 to the users' expectations and perceptions. The implementation of self-service affected all six  
20 themes.  
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23 We discuss the themes using Fairclough's two dimensions, text and discursive practice, under  
24 the subtitle *Users' library practices and expectations*. Fairclough's analytical concepts –  
25 metaphors, modality, word meaning, and interdiscursivity – are each present to some degree  
26 in the separate themes. Fairclough's third dimension, the social practice, is treated under the  
27 subtitle *The self-service library as social practice*, in which different aspects of the concept  
28 accessibility and the library's democratic potential are in focus. In this discussion, we also  
29 make use of Habermas theory of the systems colonisation of the life-world.  
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### 32 33 ***Users' library practices and expectations***

#### 34 ***To borrow and return material***

35 To borrow and return books and other material are central practices in a library and, regarded  
36 as reading-promoting activities, they are present in many library discourses (Torstensson,  
37 2012, p. 133; Hedemark, 2009, p. 49). Therefore, it is not surprising that the interviewees,  
38 without exception, mention handling of books and other material when asked about what they  
39 do at the library. At first glance, it is easy to neglect how the absence of staff affects these  
40 activities, because the users often borrow and return material on their own on regular opening  
41 hours as well.<sup>4</sup> One of the interviewees says: "I don't usually think so much about what time  
42 it is. If it is self-service or regular opening hours. Because most of the time I'm about to  
43 borrow a book or pick up a reservation and then it doesn't matter" (User1). However, the  
44 easiness with which the phenomenon could be neglected is misleading. The practise of  
45 returning or borrowing books and other material can be understood as imbedded in a larger  
46 practice including, for example, the manner in which the user chooses and finds the book or  
47 other material. If so, the practice may differ depending on whether it takes place during  
48 regular opening hours or not. For example, some of the interviewees say that they sometimes  
49 ask the librarian to help them find or choose a book or other material (e.g. User2), which is  
50 only possible during regular opening hours.  
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57 <sup>4</sup> The libraries are equipped with self-help machines that read the RFID-chips attached in the material.  
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3 Another common way to find books or other material at the library is to browse the shelves  
4 (Bjørneborn, 2008). User5 explains:  
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6 /.../at first I look at the ones that are newly arrived, that is, or the ones that users have recently returned.  
7 You usually find the popular ones there. And then I look at the shelves and first and foremost you see  
8 the ones that are lined up so you can see the picture and so on/.../  
9

10 *User5*

11 The browsing itself is not depending on the physical presence of staff, but the staff can enable  
12 browsing by making the library easy to navigate through, for example, explicit signs, which is  
13 all the more important in a self-service library (Johannsen, 2012, p. 340). In this case, staff as  
14 well as users are both imbedded in an interdiscursive context and ideologically positioned  
15 within the discourse (Fairclough, 1992, p. 91). For example, User5 tells that she always  
16 browses the shelf loaded with newly arrived books first as they often are the popular ones and  
17 therefore assumed to be good choices, a behaviour the staff is aware of when making the  
18 newly-arrived-books shelf visible.  
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### 20 *To integrate visits at the library in everyday life*

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22 As a library implements self-service users can access the place at times they otherwise have  
23 not been able to do so. This might strengthen the role of libraries as meeting places in the  
24 community. The analysis of the interviews and observations show that the self-service library  
25 is an integrated part of several users' everyday life. For example, users come to the library to  
26 read the daily paper or to study (e.g. User4; User1; Observation1; Observation2). This can be  
27 related to Aabø and Audunson's (2012, p. 139) description of the library as a *community*  
28 *square*. They define a square as a space to which everybody has access to (Aabø and  
29 Audunson, 2012, p. 143), highlighting the potential of self-service libraries and the increased  
30 accessibility that self-service entails. The interviewees mention two metaphors in this context;  
31 the library as "hub" (User4) and the statement that self-service means that the users are not  
32 "locked out" anymore (User2). The library as hub relates to the library's function as a central  
33 place for culture and meetings in the community, a role associated with the community centre  
34 discourse (Hedemark, 2009, p. 50). The expanded opening hours favours this function and the  
35 increased accessibility connects to the statement that users are not locked out anymore. We  
36 also argue that the user's choice of the words "locked out" places the self-service library in a  
37 central position in the library discourse, because it normalises the expanded opening hours  
38 and implicates that a library with merely regular opening hours is a library that locks people  
39 out. It is in this context we consider "locked out" being a metaphor.  
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### 46 *Disturbances in the use*

47 Above, we describe library practices both during ordinary opening hours and during self-  
48 service. Nowadays, different sorts of technology are fully integrated into many of these  
49 practices, with technological development being one important aspect that enable self-service  
50 libraries (Johannsen, 2012, p. 340). Nevertheless, in case of technological failure the absence  
51 of staff is a complication. The fact that the interviewees only mention problems with  
52 technology during self-service, even though problems probably also occur during regular  
53 opening hours, can be understood in relation to this vulnerability. It is possible to prevent  
54 some of the anxiety that users may experience due to technological failure in absence of staff.  
55 For example, staff at the library User1 visits have taken measures to help users navigate if the  
56 technology fails during self-service; they have for example installed special boxes to put  
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3 books into if the automatic returning machine malfunctions. Nevertheless, disturbances affect  
4 the users' practices and the implicit network of users, technology and staff therefore is  
5 modified (Carlsson, 2013, p. 23).  
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8 You may assume that problems with technology or other disturbances – such as difficulties in  
9 finding the material needed when staff are not present – would cause irritation, but the  
10 interviewees do not report negative feelings about it. For example, User2 answering the  
11 question about what to do if help needed is not available during self-service states: “Then I  
12 usually come back the day after during ordinary opening hours”. All of the interviewed users  
13 in the study had opportunity to visit the library during staffed hours as well, and this probably  
14 affected both their attitudes towards possible problems and their answers regarding that. But  
15 the absence of negative mood can also be understood in relation to the discourse surrounding  
16 self-service, including certain expectations manifested in metaphors, modalities, etcetera,  
17 which we discuss further under the heading *The service*.  
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### 20 21 *The library as place*

22 The analysis shows how the users' expectations about the library as well as regulatory  
23 documents concerning libraries create a complex web of interlinked and partly contradictory  
24 statements about the library as place. For example, the interviewees expect the library to be a  
25 calm place while documents refer to the library often as a place for events. We relate these  
26 different expectations to separate discourses, the library as a calm place to *the book discourse*  
27 and the focus on events to an *economic discourse*. Below we elaborate this argument.  
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30 The interviewees describe the library space and its atmosphere with words such as “quiet”,  
31 “calm” and “relaxed”, terms used in a positive manner. The option open to study or work at  
32 the library is often included in the descriptions, which strengthens the understanding that  
33 “quiet”, “calm” and “relaxed” relate to the book discourse and its focus on self-education and  
34 culture (cf. Hedemark, 2009, p. 65). Nevertheless, the above mentioned terms are not only  
35 used in a descriptive manner, they are also normative. This is exemplified in the following  
36 statement:  
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40 I want the library to be a calm place. People are here to study or work with something at the computers.  
41 Then they don't want screaming and noisiness. And the parents don't seem to care, they are accustomed  
42 to the children's screams so they don't reckon that everything has its place and a library is a place where  
43 you keep it down a little.  
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45 *User6*

46 In the third sentence in this statement, User6 changes the pronoun “I” to “they”. We interpret  
47 this change of modality as a way to objectify the statement about attitudes towards  
48 “screaming” and “noisiness” and to make the statement normative, since in that way the  
49 attitudes are ascribed to users in general (“they”) (Fairclough, 1992, p. 159). The expectation  
50 on libraries being quiet places relates to an interdiscursive context with a forceful history,  
51 especially in the book discourse as mentioned above. This expectation can be set in contrast to  
52 the library as a place for events, a view associated with the economic discourse, a discourse  
53 that, we argue, is prevalent in library policies. For example, the library policy of Lund  
54 municipality (Lunds kommun, 2008, pp. 2, 8), where one of the libraries in this study is  
55 located, discusses a “society of experiences”, setting as a goal that activities at the library are  
56 to be “surprising”. Such expectations on events in library settings are also grounded in  
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3 interdiscursive contexts, for example in Swedish national cultural policy, which emphasises  
4 libraries' role in attracting tourists and businesses via experience-related activities (Carlsson,  
5 2013, p. 52).<sup>5</sup>  
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### 7 *The service*

8 During the analysis of the observations, we notice how the users' practices at the library differ  
9 depending on whether staff is present or not. During ordinary opening hours, the users interact  
10 with the librarian, both with direct questions and with comments about, for example, the  
11 returned material (e.g. Observation3). Naturally, this is not the case during self-service.  
12 Therefore, it may not be surprising that users express different expectations on what service  
13 the library ought to include depending on whether staff is present or not. Several of the  
14 interviewees report that they sometimes cannot find the material they are looking for during  
15 self-service, but this does not seem to cause frustration. For example, User4 says: “/.../maybe  
16 I am not really the right person to ask, but I did know I went there at a time when it wasn't  
17 open and because of that I have to accept that I can't get all the answers I am looking for. So  
18 it really doesn't bother me. /.../”. Accordingly, users adopt their library practises, so they visit  
19 the library during self-service if they are conducting practises they think they can handle by  
20 themselves. If, on the other hand, they need assistance they visit the library during staffed  
21 opening hours. User3 for example says: “If you need help from the staff you shouldn't go  
22 there on evenings [when the library is unstaffed], that you can't do”.  
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28 Several of the interviewees describe their self-service library with the exact word “self-  
29 service”, even though the Swedish term for the service is “open more”.<sup>6</sup> For example, User4  
30 says that the unstaffed library has less service and “it is more like self-service”. When “self-  
31 service” is used in this manner in a Swedish context, we interpret it as a descriptive word – a  
32 metaphor – chosen by the user. In this context, the use of the word “self-service” tends to  
33 individualise the user and displace the responsibility; the user becomes responsible for  
34 managing to seek information or material, or whatever the goal is for visiting the library. This  
35 can be put in contrast to the community centre discourse which implies that everybody has the  
36 right to access information via the library and the library has an obligation to make it  
37 accessible to all (Hedemark, 2009, p. 50). The individualised view on the user mentioned  
38 above could instead be related to a discourse in which the user is viewed as a customer who  
39 expects to receive the requested service, but the type and quality of the service can vary  
40 depending on, for example, price range (Budd 1997; Jochumsen and Hvenegaard Rasmussen,  
41 2006b, p. 43). If users, in this respect, understand the self-service library as an additional  
42 service – and if they do not think it is possible to increase the regular opening hours, partly  
43 because of the economic discourse that highlights the need to cut costs in the public sector  
44 (Kann-Christensen and Andersen, 2009, p. 211) – then they may not have any reason at all to  
45 experience or express discontent because they have, despite perceived problems, been given  
46 the expected product. Thus, various and sometimes competing discourses shapes users'  
47 expectations.  
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55 <sup>5</sup> At the same time a focus on experiences should not necessarily be inscribed in an economic discourse. The  
56 word meaning of the term experience is not fixed and it can differ, as the term accessibility, which we discuss  
57 further below.

58 <sup>6</sup> “Self-service” is a literal translation of the Swedish term “självservice”.

### *Accessibility*

When the interviewees describe the self-service library, they use different meanings of the term *accessibility* several times. We acknowledge three different features of the term in relation to the self-service library: geographic accessibility, economic accessibility and temporal accessibility. User4 exemplifies temporal accessibility when saying self-service has made the library “more accessible” because it is possible to visit the self-service library when it is convenient. User3 also relate to accessibility in terms of time, by saying that the expanded opening hours makes it possible to visit the library, even if you work until late:

For many users, if the library closes at six or something and they don't finish work until seven because they work at a store, but then [with self-service] you have the possibility to go there anyway and borrow books. This has made it possible for many more to use it and not only on weekends, you can visit late on weekdays.

*User3*

Intertwined with temporal accessibility is geographic accessibility, because the expanded opening hours makes it possible for users to visit the local library instead of the main library in the municipality. For example, since the local library implemented self-service User6 do not visit the municipal library any more. Economic accessibility is an aspect mentioned by the interviewees when asked about the library's mission. With economic accessibility we mean that the library provides for example books, databases, newspapers and magazines for free and films and games for free or at a relatively low cost, and hereby making information available to all users. User6 relates to this when saying that the library's mission is to provide “general knowledge”. User7 says: “/.../You should be able to really immerse in a writer or a subject or something like that without a great expense. And that is, wasn't that the basic idea, some kind of popular adult education.”

The statements above relate to a community centre discourse, in which the library has the role of providing information to everybody (Hedemark, 2009, p. 50). Nonetheless, there are also other aspects of the term accessibility when used in the context of self-service libraries. The round-o-clock society brings about expectations on service's availability whenever it fits the individual and budget constraints are associated with demands on effectivity in the public sector. Self-service libraries can be viewed as a cost effective way to make use of the localities (Johansson et al., 2014, p. 14) and at the same time as contributing to market the local community, in a context where culture is seen as a way to create values and attract capital (Carlsson, 2013, p. 52). These are examples of how accessibility can be also viewed within the perspective of an economic discourse. We therefore understand the term accessibility as positioned on the border in-between several, partly contradictory, discourses. An analysis of the word meaning ascribed to the term accessibility, as sketched above, points at a hegemonic struggle (Fairclough, 1992, p. 92).

### *The self-service library as social practice*

The examples of metaphors, different word meanings and shifting modality that we have observed in the analysis above indicate an interdiscursive struggle in which concepts and functions critical to the understanding of self-service can be understood from the point of view of different discourses. Depending on which discourse is articulated and circulated, the meaning of the concepts and their functions will differ. On top of this, the same expectation –



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3 such as notions on accessibility – can be understood as related to different discourses. This  
4 instability implicates discursive change (Fairclough, 1992, p. 92). We will now put these  
5 discursive interruptions, irregularities and change, as well as the relatively stable elements in  
6 the discourses, in a wider perspective, and therefore make use of both Habermas theory of the  
7 systems colonisation of the life-world, previous LIS-research and Fairclough's (1992, pp. 91-  
8 96) concept of hegemony. We structure the analysis below according to two important aspects  
9 that have taken shape during the analysis of the text and the discursive practices; *accessibility*  
10 *as a democratic potential* and *the library as a public sphere*.  
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### 13 14 *Accessibility as a democratic potential*

15 In the analysis above, we argue that accessibility can be related to both an economic and a  
16 community centre discourse. We see these discourses as more or less prevalent in the users'  
17 expectations and perceptions at the same time. This can be understood in relation to  
18 Fairclough's (1992, p. 92) statement that subjects can simultaneously be positioned by  
19 different ideologies, in which the taken for granted is based on previous discursive struggles  
20 at the same time as it is an arena for new struggles. An interviewee can therefore lean upon an  
21 interpretation of accessibility from the perspective of an economic discourse as well as from a  
22 community centre discourse and this can be apprehended as part of a not yet settled  
23 hegemonic struggle, a struggle the user contributes to with his or her "articulation,  
24 disarticulation and rearticulation of elements" (Fairclough, 1992, p. 93).  
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28 This hegemonic struggle visualises interdiscursivity. We have already mentioned that the  
29 economic discourse manifests in library policies. For example, the policy that governs one of  
30 the libraries in this study connects the staff with costs (Lunds kommun, 2008, p. 15). The  
31 economic discourse and the association between staff and costs is also prevalent in users'  
32 understandings. One of the interviewee, who appreciate the self-service library but at the same  
33 time had preferred generous opening hours with staff, says: ".../it must be very costly to have  
34 someone sitting there every night/..." (User3). This rearticulation is not necessarily an  
35 intentional effect, ideologies can be imbedded in conventions and pre-exist reflection  
36 (Fairclough, 1992, p. 90).  
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40 In order to deepen the understanding of the interdiscursivity related to the economic discourse  
41 we widen our horizon further. In such a context, we interpret the rearticulation of an economic  
42 discourse as partly a consequence of the penetration of steering mechanisms from the system,  
43 including both money and quantitative measurements, into library arenas hitherto associated  
44 with the life-world (Kann-Christensen and Andersen, 2009, p. 209). Those steering  
45 mechanisms conspire more and more often to organise the library and they repress  
46 communicative action, whereas for instance costs are not a validity claim to be accepted or  
47 neglected (cf. Habermas, 1990, p. 201). Increasing demands on libraries to legitimise their  
48 activities and services and account for cost-efficiency situates in this context (Kann-  
49 Christensen and Andersen, 2009, p. 209). This understanding has bearing for the analysis of  
50 the self-service library, since the implementation of self-service can be put forward as a way  
51 to increase accessibility and to contribute to the marketing of the city or community without  
52 major expenses.  
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56 Nevertheless, a pursuit to legitimise the library service also relates to competing discourses,  
57 conveying different interpretations. To question the mission and orientation of the library and,  
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3 in the lights of an overall social change, to open up for argumentation and discussion  
4 therefore does not necessarily result in an instrumental view connected to an economic  
5 discourse. In contrast, such discussions can be viewed as being part of the rationalisation of  
6 the life-world, in which new parts of the previously taken for granted life-world are opened up  
7 for reflection and communicative action (cf. Kann-Christensen and Andersen, 2009, p. 209;  
8 Habermas, 1990, p. 316). The implementation of self-service can contribute to this, by  
9 making the library more accessible and by putting a stronger focus on the user as an active  
10 agent.  
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### 12 13 14 *The library as a public sphere*

15 In the analysis we notice that the library is a place in which communicative rationality can  
16 take place, for example, when users include the library in everyday activities and when it  
17 enables unplanned meetings, cultural activities and education. In that context, we would like  
18 to emphasise the importance of the library as an undemanding place with low barriers  
19 (Carlsson, 2013, p. 51; Buschman, 2003). We argue that self-service can contribute to lower  
20 the barriers even more by making the library more accessible and encourage spontaneous  
21 visits (once you are a registered user). The self-service library therefore has potential to be a  
22 low-intensive meeting place with free access to information that enable communicative action  
23 and therefore favours the reproduction of the users' life-worlds (Aabø and Audunson, 2012, p.  
24 140; Habermas, 1990, p. 200). Thus, the self-service library may strengthen the public sphere  
25 by "producing and reproducing the circumstances that enables democratic processes"  
26 (Buschman, 2003, p. 175).  
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30 The library thereby functions as a public sphere, but the sphere is changing. Vestheim (1997,  
31 p. 95) claims that the library as a place for meetings is a new form of public function in  
32 society. Previously the focus was on the right to know, including free access to information,  
33 whereas today the right to freely reside at the library has become an equally important  
34 question (Vestheim, 1997, p. 95). Thus, the library's function in relation to the public sphere  
35 has become multidimensional. The users' access to the library space is therefore of  
36 importance in relation to the libraries democratic potential.  
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40 Despite the democratic potential shortly described above, the library's democratic role in  
41 society should not be taken for granted. If an economic discourse and steering mechanisms  
42 such as money penetrate the library, the library's function as public sphere will be affected  
43 (Habermas, 1996, p. 282). At the same time as the self-service library can contribute to create  
44 low-intensive meeting places as we mention above, the implementation of self-service can  
45 also be viewed as means in the process of attracting business and creating capital. Such  
46 instrumental rationality is for example part of the cultural policy in Sweden (Carlsson, 2013,  
47 p. 14), as in many other western countries, and it may be a threat to the possibility of  
48 communicative action, and therefore in the long term to the democratic role of the library.  
49 When libraries are understood from the perspective of an economic discourse they are  
50 expected to fill a certain role related to the system in a socio-political context, such as that of  
51 contributing to economic growth or of creating attractiveness to tourists and businesses  
52 (Vestheim, 1998, p. 143; Kann-Christensen, 2009, p. 2010; Carlsson, 2013, p. 52). This  
53 expectancy undermines the libraries democratic legitimacy based on social and democratic  
54 discourses from the life-world (Buschman 2003).  
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3 The economic discourse also affects the notion of users, and this is relevant to self-service  
4 libraries. If library users are individualised and treated as customers, it endangers the public  
5 library's mission to provide equal access to information to all (e.g. Budd, 1997; D'Angelo  
6 2006, pp. 65-74). For example, to some users self-service may bring increased geographic and  
7 temporal availability, but some may have trouble if staff is not there to help. In such a case,  
8 the notion of library users are essential; if library users are conceptualized as customers the  
9 possibility that some of them may experience trouble is the individuals' problem, but if they  
10 are conceptualized as users the library's responsibility to enable access is emphasized. Access  
11 to information is a fundamental part of the public sphere, as information enables a rational  
12 communicative process (Buschman, 2003). Therefore, a discussion on how equal access is  
13 accomplished in self-service libraries is vital.  
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### 18 **Conclusions and implications**

19 The analysis above shows that there are not any straightforward answers. As to the first  
20 research question raised in the *Introduction*, the regular opening hours cannot be clearly  
21 separated from the hours with self-service. Therefore, it is neither possible nor productive to  
22 answer in a simple manner the question about how the implementation of self-service has  
23 changed the practices at the library. Firstly, the implementation of self-service is intertwined  
24 with a changing societal context affecting the library, including among other things increased  
25 influence from an economic discourse, which is related to the penetration of the system into  
26 the life-world. This affects both the willingness to implement self-service and the practises  
27 taking place at the library. Secondly, the library discourses that we have identified interact  
28 with each other and consequently the metaphors that emerged in the analysis can be  
29 understood in relation to several of these discourses. Accordingly, the implementation of self-  
30 service should not be positioned and interpreted from a single discourse.  
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36 The entanglement described above relates to the second research question, about how users'  
37 expectations and conceptions of the public library are affected by the implementation of self-  
38 service. The analysis implies that users' concepts of the library are versatile, but we would  
39 like to highlight the distinct expectations on the self-service library compared to staffed  
40 opening hours regarding the service provided. These differing expectations point at important  
41 implications as the self-service library is associated with both an increased accessibility and a  
42 lower degree of service. If libraries become more accessible, with regard to both temporal and  
43 geographic accessibility, it might strengthen their role as low-intensive meeting places, which  
44 relates to libraries as public and democratic spheres in society. However, if self-service is  
45 implemented in a context with increasing demands of efficiency, cost-reduction and a  
46 discourse that transforms users into customers, the democratic role of the library will instead  
47 be endangered (Vestheim, 1998, pp. 143-146). We have just briefly mentioned another risk  
48 with self-service libraries: that users need to be registered in order to take part of them. An  
49 important task for future research is to look into to whom this is an obstacle for taking part of  
50 the self-service library; who is left outside?  
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55 We argue that it is important to be aware of the complexity of understandings of self-service  
56 libraries, specifically when considering the implementation of new ones, in order to avoid  
57 understandings flavoured by an economic discourse. When used not as a means to lower costs  
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3 but instead as a way to offer better accessibility to their users, self-service libraries hold  
4 possibilities for strengthening public libraries role as public and democratic spheres in society.  
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### 8 **List of interviews and observations**

#### 9 ***Library of Kävlinge [Kävlinge bibliotek]***

##### 10 *Interviews*

11 User1; User6; User7  
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##### 14 *Observation*

15 Observation1, 25/2 2015  
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#### 18 ***Library of Veberöd [Veberöds bibliotek]***

##### 19 *Interviews*

20 User2; User3; User4  
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##### 23 *Observation*

24 Observation2, 17/2 2015  
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#### 27 ***Library of Rydebäck [Rydebäcks bibliotek]***

##### 28 *Interviews*

29 User5  
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##### 32 *Observation*

33 Observation3, 24/2 2015  
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