Dictionaries and productive tasks in a foreign language

Paul Bogaards

Introduction

The process of making dictionaries involves three main steps: collection, description and presentation. The first step, the collection of data, has seen dramatic changes over the past twenty-five years. Over more than four centuries, from the sixteenth till well into the second half of the twentieth century, lexicographers had to read and extract written texts and make paper slips with quotations which were put together in huge boxes, occupying a lot of space. Nowadays, for many languages there are text corpora containing far more numerous and more varied materials. For the English language in particular these corpora are easily available and they contain not so much literary texts as was previously the case. Most of the texts are taken from general newspapers, scientific, administrative and other more or less specialized sources and they include more and more transcripts of radio and television broadcasts and other types of formal and informal oral production. For other languages these corpora may be less rich and less publicly accessible, but many publishing houses do have corpora of several millions of words at their disposal.

At the level of the linguistic description of the contents of these immense riches, the last decade has seen a number of significant improvements. KWIC (Keyword in context) software, for instance, which makes it possible to oversee the use of a given word in various contexts, has become quite common and ever more sophisticated during recent years. Moreover, the theoretical notions and the practical techniques that are needed to interpret the language data are much clearer than ten or twenty years ago. The collaboration between experienced lexicographers like Sue Atkins and well known semanticists like Charles Fillmore, for instance, has led to a theoretically sound and practically effective tool that is generally known as the FrameNet approach (see International Journal of Lexicography 16.3, September 2003). Insight has been gained into questions concerning the distinction of senses of polysemous words, the status of collocations, idioms and other types of chunks, and there is a much greater awareness of the wide variety of data and phenomena covered by the term ‘lexicon’.

As to the third field of lexicography, the presentation of the results of the foregoing steps in a dictionary, much less progress can be reported. As a matter of fact we still do not know what type of dictionary and what kind of lay-out is most convenient for which users or how we must proceed in order to improve the success rate in dictionary use, which is traditionally just above chance level.

A number of studies have been conducted on the relative importance of monolingual, bilingual or multilingual dictionaries for L2 learners. The author of a recent book on this matter, Robert Lew, has investigated this point in a highly systematic way with Polish learners of English. Using a fine-grained design, where more than 700 learners use one of six types of dictionaries in order to find out the meaning of a number of pseudo-English words, the author finds that the monolingual dictionary (with English definitions only) scores far lower than any of the other types, and that some types of dictionaries, especially those with equivalents as well as definitions in English or Polish, tend to be less effective, probably due to an overload of information. In his conclusion Lew states that:

‘we must question the validity of the recommendation so popular amongst educators of the presumed superiority of the monolingual dictionary. There is hardly any empirical evidence available to support that supposed superiority, and what little relevant evidence is available, points to the bilingual dictionary as the more effective dictionary for reception. The present study provides further evidence of this type’ (Lew 2004: 179).

Another type of research has underlined the importance of lemma structures and the use of guide words, menus or sign posts, especially in long lemmas (Bogaards 1998). A study concerning the relative utility and usability of grammatical information reveals that traditional grammar codes are not used very often, even by advanced learners with a good linguistic schooling, but that syntactic information provided by definitions (like in Cobuild style definitions) and even more in examples helps learners in an effective way to write correct sentences (Bogaards and Van der Koot 2002). Although other studies could be cited, really relevant experimental evidence on the aspect of presentation is
nevertheless still quite scarce.

As may be clear from the examples of experimental research given above, presentation is intimately linked to the intended users. In contrast to the formal uniformity of most dictionaries all over the world, there probably is not one correct way of presenting lexical data in a dictionary, one that suits all users. Ideally there should be a fairly large number of differently designed dictionaries from which the users could choose. Although this is not a weird idea in this time of computer facilities and on-demand business, it is not clear how learners could make their choice nor how teachers or dictionary compilers could guide them in this choice. A lot of thinking and a lot of experimental research are necessary before we can start compiling the dictionaries that users of different types would really need.

An example of dictionary use

In this paper I would like to reflect on some aspects of the information that learners minimally need when they have to produce a text in an L2. I will not make a distinction between the oral or written nature of such a text, although we all know that dictionaries are only seldom used in oral settings. In order to simplify the situation, I will take an imaginary native speaker of French who is a learner of English and who wants to say or write something in English and who is prepared to look up in the dictionary the elements he does not have at his disposal.

Let us imagine that he wants to express in English something like:

Notre professeur veut qu’on écoute bien ses conseils.

The first word that could cause a problem is professeur. We will assume that our learner is a ‘collègien’ (a schoolboy in a secondary school) and is aware of the fact that instructors on different levels may be called by different names, as is the case in French. He knows the word teacher but wants to verify in a learner’s dictionary whether this is the right choice here. He opens one of them and finds a definition such as ‘someone whose job is to teach’ (MEDAL). Not really satisfied, he turns to a bilingual dictionary and finds:

If he is brave enough to fight his way through all the abbreviations, brackets and parentheses, this will give him the certainty that teacher is the right equivalent in his context. So he now can write:

*Our teacher wants

But what does the teacher want? What is the right construction to use with this verb? For this point our ‘collègien’ goes back to the monolingual learner’s dictionary, where he finds:

Figure 2: Part of the lemma want in MacMillan English Dictionary for Advanced Learners (MEDAL, 2002)

or

Figure 3: Part of the lemma want in Cambridge International Dictionary of English (CIDE, 1995)

Although all the information that is needed can be found in each of these lemmas, it is far from certain that our friend will be able to winkle out the right elements. Alternatively, if he goes to the bilingual dictionary, he will be confronted with:

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In 2002-2004 Kernerman Publishing and K Dictionaries made grants available for research in specified fields of lexicography, with funds distributed through AFRILEX, ASIALEX and EURALEX. These grants have been discontinued, and new plans are being made on how to promote such research in the future.
that is needed cannot be found in one dictionary and is not always tailored to his needs. I am convinced that the task of the dictionary user is systematically underestimated. Even if the information is there, there remains so much to be interpreted and to be adapted to the context at hand that many users give up or end up with incorrect solutions.

As will be clear, the information that was necessary for the ‘translation’ of the sentence given above was partly available in the bilingual dictionary. As these dictionaries have translation as their primary goal, they cannot give a full description or a reasonable number of examples in the target language. Yes, they present the user with the form of the element that is needed in the other language, but in most cases they give insufficient or at best highly coded information on how this element is to be used in the other language. In addition, they do not normally give phonetic transcriptions of the words of the target language at the place where these are most needed: at the right side of the translation equivalence. At the place where these transcriptions are now given, at the left side in the receptive dictionary, they will first of all be helpful for those who already know the word but have to pronounce it, e.g. for reading a text aloud. Those who want to use it for oral production, once they have found the right element, have to make a further step to the receptive part or volume in order to find out how to pronounce it.

The most serious drawback of monolingual dictionaries of a foreign language is that the user is often unable to retrieve the word he needs. Although more and more techniques and tools are being created to overcome this problem (see Bogaards 2003), in many cases learners will need a bilingual access mode in order to get at the words they need. A bilingual index to a monolingual dictionary, as has been proposed for some types of bilingualised dictionaries, is not a viable option. For polysemous words (and most frequent words are very polysemous) this would create a very bad kind of bilingual list where users need to make their choice on rather vague grounds and have then to turn to the dictionary proper, a step that many will not make.

Electronic dictionaries can remedy this situation to a great extent. But then they should not just be CD-ROM versions of paper dictionaries. They should be rethought in a fundamental way. Really new results can only be expected when such a rethinking not only takes into account the electronic opportunities that
are widely available nowadays, but, in addition, seeks to apply the results of sound experimental research concerning the behaviour of language learners and dictionary users in various situations and at different levels. At Van Dale (see Bogaards and Hannay 2004) we are taking some cautious steps along this very promising path. It will certainly be a long way.

References


Dictionaries


Longman Słownik współczesny angielsko-polski polsko-angielski: The First Active Bilingual Dictionary for Polish Learners of English

Arleta Adamska-Sałaciak

The following is a brief characterisation of Longman Słownik współczesny angielsko-polski polsko-angielski (LSW).1 After giving some general information about the dictionary, I shall focus on those features which make it the first active dictionary of the bilingual type on the Polish scene.

LSW is aimed at Polish learners of English. Its primary target audience are gymnasium (junior high) and liceum (high school) students, i.e., people in the 13-19 age group, with a command of English ranging from beginner to upper-intermediate. This does not mean the dictionary has nothing to offer to older or more advanced learners. On the contrary, the quality of the translations (which can only be appreciated when compared – by speakers fluent in both languages – with those in other local bilingual dictionaries) and the wealth of usage information (on which more below) make it a suitable tool also for more ambitious language tasks, especially of the encoding type.

The dictionary is corpus-based. For English, it relies on the Longman Spoken and Written English Corpus; for Polish, a 10-million word corpus (90 per cent written, 10 per cent spoken) was gathered specially for this project.2 The written part of the corpus consists of fiction (mostly for teenagers), fragments of textbooks in various school subjects, and newspaper and magazine articles. For the spoken part, everyday conversations were recorded (with the participants’ permission) and subsequently transcribed.

In numerical terms, the scope of LSW is outlined in the table below.3

It should be noted that there are quite a few English-Polish / Polish-English dictionaries of comparable (physical) size. Many of them contain, or claim to contain, substantially more entries. However, these

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Table: The scope of LSW in numerical terms

Arleta Adamska-Sałaciak is head of the Department of Lexicology and Lexicography at the School of English, Adam Mickiewicz University in Poznan. Her academic interests include also: history of the English language, history and philosophy of linguistics, semantics, and English phonetics and phonology. She has co-authored and edited five bilingual dictionaries with English and Polish, including LSW.

arleta@ifam.amu.edu.pl