2005

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Alessio S. Frenda

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In italiano, as Gaeilge: 
A MATTER of metaphorical semantics

Alessio S. Frenda
Trinity College Dublin

Abstract

In the present article the linguistic expression of MATTER will be considered with regards to (a) the prepositions involved and (b) the basic spatial meanings (BSMs) of such prepositions. The analysis will concentrate on Italian and Irish. The motivations for the choice of the preposition(s) will be sought after in the theoretical frame provided by Lakoff’s metaphorical semantics. In other words, we shall assume that the MATTER sense is a motivated extension of the spatial senses that primarily expressed by those prepositions. According to the above-mentioned framework, a preposition is chosen to express MATTER when there is a metaphorically (i.e., analogically) motivated link between its BSM and the MATTER sense. A sense extension of MATTER (that is, a further sense extension of the BSMs via MATTER) shall be then examined, which – in a way consistent with another widespread metaphor – justifies the employ of MATTER to express linguistic medium.

Abbreviations:

<table>
<thead>
<tr>
<th>AUT</th>
<th>autonomous</th>
<th>OBJ</th>
<th>object pronoun</th>
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<tbody>
<tr>
<td>BSM</td>
<td>basic spatial meaning</td>
<td>OBL</td>
<td>oblique pronoun</td>
</tr>
<tr>
<td>COP</td>
<td>copula</td>
<td>PASSV</td>
<td>passive</td>
</tr>
<tr>
<td>DET</td>
<td>determiner</td>
<td>PERF</td>
<td>perfect</td>
</tr>
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<td>Eng.</td>
<td>English</td>
<td>PL</td>
<td>plural</td>
</tr>
<tr>
<td>FEM</td>
<td>feminine</td>
<td>POSS</td>
<td>possessive</td>
</tr>
<tr>
<td>IMP</td>
<td>imperative</td>
<td>PP</td>
<td>prepositional phrase</td>
</tr>
<tr>
<td>INF</td>
<td>infinitive</td>
<td>PPSTPTC</td>
<td>passive past participle</td>
</tr>
<tr>
<td>Ir.</td>
<td>Irish</td>
<td>SG</td>
<td>singular</td>
</tr>
<tr>
<td>It.</td>
<td>Italian</td>
<td>SUBJ</td>
<td>subject pronoun</td>
</tr>
<tr>
<td>Im</td>
<td>landmark</td>
<td>tr</td>
<td>trajector</td>
</tr>
<tr>
<td>MSC</td>
<td>masculine</td>
<td>VN</td>
<td>verbal noun</td>
</tr>
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1 Introduction

As has been outlined in Frenda 2005b, in this journal, section 2, “metaphorical semantics” is what Lakoff (1993) calls an approach to linguistics based on the explanatory power of metaphor used as an interpretive tool. Such tool Lakoff had been sharpening and defining in a great deal of studies, culminating with Lakoff (1987) and the illuminating case studies contained therein. In particular, his analysis of the English preposition over and its extensive polysemy (ibid.: 416–61) was a model of primary importance for my own comparative analysis of Irish and Italian prepositions and metaphoric sense extensions thereof (Frenda, 2005a).

In the present article a brief presentation will be given of the means employed by Irish and Italian to express the MATTER relations, drawing on the material presented in Frenda (2005a).
2 A characterization of \textit{MATTER} as a sense extension

The \textit{MATTER} relation is a linguistically expressed relation between figure and ground (or \text{tr}[ajector] and \text{lm} [landmark]; cf. Fren de 2005b: section 3 and footnote 2) whereby the latter designates the matter of which the former is made. In English, a way of expressing such relation is the preposition of, but other ways also exist, e.g. denominal adjectives or nouns used in apposition, as examples (1–3) respectively illustrate:

\begin{enumerate}
\item This ring is made of gold.
\item A golden watch was found yesterday.
\item He grasped the brass knob and opened the door.
\end{enumerate}

We will be concerned here with just the first kind of \textit{MATTER} expressions, those realized by means of a prepositional phrase.

According to the premises of Lakoff’s (1993) metaphorical semantics, as has been recalled in Fren de 2005b, section 2, metaphorical mappings are responsible for the sense extensions linking the interrelated meanings of polysemous items. In our case, metaphorical mapping provides a motivation for quite different conceptual relations to be expressed by one and the same preposition, as Lakoff (1993:27) illustrates with the two meanings of \textit{through} (a spatial and a “social” one, respectively) in \textit{I drove through the tunnel} and \textit{I got my job through my uncle}.

It has also been observed (Lakoff and Johnson, 1980:59; Talmy, 2000a:179; Sweetser, 1990:18, 27ff. and passim; Zelinsky-Wibbelt, 1993a:4) that where sense extensions occur by means of metaphor, they normally go from concrete to abstract rather than the other way round, and that space is the most basic and concrete domain, upon which other kinds of less concrete relations may be modelled by means of metaphorical mapping. Lakoff and Johnson (1980:56) claim that simple spatial concepts, like \textit{UP}, are more likely than others to be grasped directly (i.e. without resorting to metaphorical ways of understanding) because they come from daily, physical experience, and can therefore provide the basis upon which more or less abstract sense extensions can be built, while Levinson (2003:xvii) states that

[s]patial cognition is at the heart of our thinking. It has long been noted that spatial thinking provides us with analogies and tools for understanding other domains, as shown by the efficacy of diagrams, the pervasive spatial metaphors of everyday language, the evocativeness of place in memory … Spatial cognition probably plays this central role because it seems to be the evolutionarily earliest domain of systematic cross-modal cognition: any animal needs to relate what its eyes, ears and limbs tell it about the immediate structure of the world around it. (Levinson, 2003:xvii)
Therefore, where prepositions have a spatial meaning among other, non-spatial ones, we shall accordingly assume that the latter are related to the former in a way that is motivated by the occurrence of metaphorical sense extensions.

3 **MATTER in Irish and Italian**

3.0 **Outline**

In the next two sections we shall examine how Irish and Italian express the concept of **MATTER**. In particular, we shall focus on both (a) what BSMs **MATTER** is a sense extension of in each language and (b) what prepositions are involved in its expressions. In order to do so, each section will have the following structure: first, a few examples will be presented of **MATTER** expressions (the examples will be sorted out according to the preposition employed). Then, each preposition will be considered in respect of what BSM(s) it corresponds to.

Our examples are drawn from the Irish and Italian corpora of Frenda (2005a: Appendices B and C). The methodology and sources employed for the purposes of their setting up are explained in Frenda (2005a:28–32).

3.1 **Irish**

Irish has two prepositions at its disposal to express **MATTER**: *de* and *as*, as shown in example (4) and (5) below, respectively:

(4) A. tá sé déanta de phrás
   be SUBJ:3SG.MSC make.PPSTPTC out of brass
   ‘it is made of brass’
   (Christian Brothers, 2004:135)
   
   B. rinneadh gual dem chroí
   make.PAST.AUT charcoal out of.POSS:1SG heart
   ‘my heart was seared’ (lit. ‘charcoal was made out of my heart’)
   (Ó Cíosóig, 1997:8)

(5) A. Rud a dhéanamh as cré
   thing to make.VN out of clay
   ‘To make something from clay’
   (Ó Dónaill, 1977: s.v. *as*)
   
   B. abair as Gaeilge é
   say.IMP.2SG out of Irish OBJ:3SG.MSC
   ’Say it in Irish’
   (Christian Brothers, 2004:136)
Whereas both (4) and (5.A) make sense as physical descriptions, (5.B) does not. That is, no physical image is evoked by (5.B) in that no object and no material appear as the tr and lm respectively. Here, the matter relation is extended to express linguistic medium, according to Reddy’s (1979) conduit metaphor, which views communication as the process of packing objects (i.e., messages) into apt containers (i.e., linguistic expressions) and sending them to the receiver, who is in charge of unpacking (i.e., decoding) them. It is the conduit metaphor, as Reddy argues, that motivates expressions such as *Try to put more meaning into fewer words* and many others, of which he gives an ample repertoire. Since – according to this metaphor – messages are objects, and the same message can assume different realizations if expressed in different languages, then languages can be thought of as the different materials that a message can be made of, so that it might retain the same function, but look (or sound) different. Therefore, **language is the matter messages are made of** is a perfectly well motivated rider of the conduit metaphor (Frenda, 2005:138).

Both *de* and *as* express the BSM **off/from/out of**, that is one that can be characterized – following Talmy’s (2000b:55) “Ground’s Conformations” and Dirven’s (1993:73f.) classification of English preposition – as basically expressing *separation* (also cf. Frenda, 2005a:107–8), as the English glosses and translations also show. A few examples of their spatial usages are given in (6) and (7) below:

(6) A. Tóg *den* chathaoir é

‘Lift it off the chair’

(Mac Congáil, 2004:70)

B. ribe *d’ fhéasóg an fhir*

‘a hair from the man’s beard’

(Mac Congáil, 2004:69)

(7) A. *as* *a* teach

‘out of her house’

(Mac Congáil, 2004:67)

It does not matter, here, that the image described by 4.B has no factual reference to the current state of affairs within which it is uttered, since it is an Irish idiomatic set expression meant to evoke the emotional sphere. Of course, this set expression too is analyzable and explicable in terms of metaphorical semantics.
As can be seen, *de* seems to focus on the *OFF* and *FROM* aspects of the BSM, i.e., respectively, separation as loss of contact (*OFF*) and origin (*FROM*); *as*, on the other hand, focuses on the *OUT OF* and *FROM* aspects, where *OUT OF* emphasizes the enclosure-like conformation of the origin (*lm)*.

3.2 **italian**

Two prepositions are available for the purpose of expressing *MATTER* relations in Italian too, but two distinct BSMs are involved. The two prepositions, as can be seen in examples (8) and (9), are *di* and *in*:

(8) A. *un palazzo *di metallo* con una sfera*  
*one building* *of* *metal* *with* *one sphere*  
*di* *vetro*  
*of* *glass*  
‘a building made of metal, with a glass sphere’  
(Calvino, 1992:381)

B. *rocce di basalto*  
*rocks* *of* *basalt*  
‘rocks of basalt’  
(Calvino, 1992:394)

(9) A. *rilegature in pergamena*  
*bindings* *in* *parchment*  
‘parchment bindings’  
(Calvino, 1992:394)

B. [*tracciati* *segnati in inchiostri di diverso colore*  
*[routes] draw.PPSTPTC.PL in inks of*  
*different colour*  
‘[routes] drawn [on a map] by means of many-coloured inks’  
(Calvino, 1992:434)

C. *dimmelo in inglese*  
*say-INF-OBL:1SG-OBJ:3SG.MSC in* *English*  
‘tell me in English’  
(*DII*:1921, s.v. *in*)
Before moving on to examine the BSMs of the two Italian prepositions, we would like to point out examples (9.B, C). (9.B) is peculiar in that the preposition in (as the English translation would also suggest) is used in a sense that can be considered something in between MATTER proper and MEANS: inks, pencils and such – as opposed, for instance, to brushes – are used up as they are employed. Therefore, whereas a brush can be considered as a mere instrument, inks and such are both the means and the matter. In Italian, only the latter kind of MEANS (or MATTER/MEANS) may be expressed by the preposition in, as the unacceptability of (9.B′) below shows:

(9) B′. *[tracciati] segnati in pennelli di diversa grandezza
[routes] draw.PPSTPTC.PL in brushes of different size
‘[routes] drawn [on a map] by means of brush of different sizes’
(Frenda, 2005:60)

A correct alternative would be a PP governed by con ‘with’ (con pennelli di diversa grandezza) (Frenda, 2005:60).

As to (9.C), the same observations hold as we have already stated in 3.1 about example (5.B), i.e., an expression of MATTER is being employed to specify LINGUISTIC MEDIUM according to the CONDUIT METAPHOR (notice that the preposition in is also employed in English for the same purpose).

Two very different BSMs are conveyed by di and in: referring back (Frenda 2005b, Figure I), they are OFF/FROM/OUT OF and IN(TO) respectively. We have already been considering the former in 3.1, and it was observed that its BSM is SEPARATION. Deferring for a moment the discussion relative to It. in, we shall see a few examples concerning the spatial use of di:

(10) A. Andiamo di città in città
go.1PL from town to town
‘We go from town to town’
(Sensini, 1988:210)

B. Il più bravo della squadra è stato premiato
DET more good from.DET team award. PERF.PASSV.3SG
‘The best member of the team was given a prize’
(Sensini, 1988:209)

Whereas in (10.A) di expresses SEPARATION proper, in (10.B) a very close extension of SEPARATION is expressed, which still falls within the spatial domain and is commonly termed
PARTITIVE. The link between SEPARATION and PARTITIVE was indicated in Frenda (2005a:121f.) in the act of singling/carving out $x$ (tr) from $X$ (lm), an act that may consist in either a physical separation of the formerly undivided whole (as in *Have a piece of cake!* or the psychological process of concentrating one’s attention on $x$ as *separate*, distinct from $X$.

As regards IN(TO), Talmy (2000b:55) and Dirven (1993:73f.) categorize it as a basic spatial relation. In Frenda (2005:37), IN(TO) was described as evoking a lm which has certain boundaries within which tr is located (static) or ends up being located after a movement (dynamic) – cf. *Your toys are in the box* vs. *Put your toys in(to) the box*. In other word, the BSM may be dubbed as one of static or dynamic INCLUSION. Examples (11.A, B) will illustrate the static and dynamic aspect respectively:

(11) A. *fare il bagno nella vasca di un giardino*
   
   do.INF DET bath in.DET pool of one garden
   
   ‘take a bath in a garden pool’
   
   (Calvino, 1992:364)

   B. *devi entrare nelle scuderie*
   
   must.2SG enter.INF into.DET stables
   
   ‘you must go into the stables’
   
   (Calvino, 1992:395)

3.3 motivations for the sense extension

Having seen by means of which prepositions the MATTER relation is expressed in Italian and Irish, and which BSMs are associated with such prepositions, we shall now look into the reasons why the BSMs OFF/FROM/OUT OF and IN(TO) associate with MATTER – in other words, what motivates the sense extensions of the two BSMs in question as ways of expressing the MATTER relationship between tr and lm.

3.3.1 A matter of separation. The sense extension of SEPARATION to express MATTER is cross-linguistically common: we have seen it in English, Irish and Italian. A discussion of this topic is found in Lakoff and Johnson (1980:72–5), where the metaphor *THE OBJECT COMES OUT OF THE SUBSTANCE* is taken into account together with its mirror-image counterpart *THE...*
SUBSTANCE GOES INTO THE OBJECT (which the authors illustrate with I made a statue out of clay and I made the clay you gave me into a statue, respectively):\(^{31}\)

We conceptualize changes of this kind – from one state into another, having a new form and function – in terms of the metaphor THE OBJECT COMES OUT OF THE SUBSTANCE. This is why the expression out of is used in the above examples: … the statue is viewed as emerging out of the clay. … the substance clay is viewed as the CONTAINER (via the SUBSTANCE IS A CONTAINER metaphor) from which the object – namely, the statue – emerges. (Lakoff and Johnson, 1980:73)

3.3.2 A matter of inclusion. Whereas a handy and well-studied motivation was available – as we have just seen – for the SEPARATION \(\rightarrow\) MATTER sense extension, a motivation for the INCLUSION \(\rightarrow\) MATTER sense extension is not easily available. As noted in Frenda (2005:59), a similar English construction is used – as shown in (12) to mark INHERENT PROPERTY:

(12) This shirt is very nice. Does it come in red/in a larger size?  
(Frenda, 2005:59)

The PPs in red/in a larger size express qualities of the shirt that are inherent to it, that is, qualities that may not be altered. MATTER, too, is an inherent property, and it is possible to find it expressed by an in-PP in the same English construction with come (13):

(13) This jacket comes in both tweed and wool.  
(Frenda, 2005:59)

Having said that, it remains to be explained what motivates the association between the spatial sense of INCLUSION conveyed by the preposition in and the metaphorical sense of MATTER.\(^{32}\) Further investigations, to consist in cross-linguistic comparison of a cross-linguistically wider range of material, will – we believe – prove of crucial importance to this goal.

\(^{31}\) It is important not to take examples such as make the clay into a statue for instances of the sense extension IN(TO) \(\rightarrow\) MATTER. The difference between the two conceptual types is evident: whereas in the type make the clay into a statue the in-PP has the artefact NP as its object (statue), in the type we are considering the PP would take as its object the matter NP (clay).

\(^{32}\) It has been observed (Sheerin, 1996:146) that the instrumental sense of the preposition in was introduced into Latin (and, hence, into other European languages) as a result of heavy syntactic calques from Hebrew, which came with the first translations of the Bible (also cf. Collins, 1985:50; Palmer, 1954:188). In Biblical Hebrew (Walke and O’Connor, 1990:196–9), the preposition \(b\) had the (2) spatial meaning of INCLUSION and was also employed to express instruments and “the material with which an act is performed”, as in He overlaid the floor of the temple with \(2 = \) boards of cypress (1 Kgs 6:15) (ibid.: 197). Having said that, though, we have only shifted the problem back in time, the reason why Biblical Hebrew associates INCLUSION with MATTER/MEANS being left unexplained.
4 Conclusions

Drawing upon the analyses carried out in Frenda (2005), we have gone through a brief survey of the prepositional expressions employed by Irish and Italian to express the relation of MATTER (“tr is made of lm, a tr of lm”), finding that two BSMs, roughly labelled SEPARATION and INCLUSION, were involved. It was observed, too, that whereas the former was common in both the languages, the latter was employed in Italian only. We have also seen that English, employed in the discussion and for the purpose of glossing the linguistic material, sided with Italian in employing both SEPARATION and INCLUSION for the expression of MATTER. To recap, three languages out of three commonly utilize SEPARATION for the purpose under debate, while INCLUSION is used by two out of three.

After giving a few examples of both the extended sense and the basic, spatial one, we set to look into what motivations there were for these two BSMs to develop a sense extension as a means of expressing MATTER. Whereas an explanation was easily found for one sense extension, i.e. SEPARATION → MATTER, which had already been examined by Lakoff and Johnson (1980), we were not able to find any justification for the second sense extension, i.e., INCLUSION → MATTER, and left the problem to further investigation.

However, we took the opportunity to look into a further sense extension of MATTER, i.e. LINGUISTIC MEDIUM, which was alluded to in the title of this article. Our purpose in doing so was to show the recursive nature of metaphorical sense extensions: the use of Ir. as, It. in to introduce the indication of linguistic code was not taken to stem directly from SEPARATION or INCLUSION, i.e., from a BSM, but rather to develop from a sense extension thereof, namely MATTER, via the well-known CONDUIT METAPHOR.

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