## ISSUE 340: Classes without properties

The sig reviewed the text on the Minimality section of the introductory chapter of crm (HW by TV) and did some editorial work. The new text reads:

### Minimality

Although the scope of the CRM is very broad, the model itself is constructed as economically as possible.

* CRM classes and properties are either primitive, or they are key concepts in the practical scope.
* Complements of CRM classes are not declared, because, considering the Open World Assumption, there are no properties for complements of a class (see Terminology).

A CRM class is declared when:

* It is required as the domain or range of a property not appropriate to its superclass.
* It serves as a merging point of two CRM class branches via multiple IsA (e.g. E25 Man-Made Feature). When the branch superclasses are used for multiple instantiation of an item, this item is in the intersection of the scopes. The class resulting from multiple IsA should be narrower in scope than the interrsection of the scopes od the branch superclasses.
* It is useful as a leaf class (i.e. at the end of a CRM branch) to domain communities building CRM extensions or matching key domain classes from other models to the CRM (e.g. E34 Inscription).