This is in keeping with discussions that have been taking place in the Modeling Team regarding how the various process pieces fit together. Some changes have not been entered yet.

* ProcessStep will no longer be an extension of Process
* Process needs to contain 0..1 Sequences (this is how you get all the goodness of ProcesSteps into the Methodology and other models using a Process)
* Changes have taken place on how "Patterns" are implemented/realized since the Methodology model was created

Proposed resulting changes to the current Methodology model based on above changes:

1. Change the direction of the relationship between Method and Process so that a Process can make use of a Method
   1. From reading back through the notes, it seems that "Method" is intended to be like an abstract head of a pattern that is instantiated/realized in another location. Therefore you have a Method having a Process. However, Process seems to be the more generic pattern as I can have a process depicting what has or should be done without a specific underlying methodology.
   2. In addition, I can execute a methodology using different processes as that may be dependent upon inputs, resources, etc. (example: A random sample methodology is the same whether my sampling frame is a box of clamshells or a list of telephone numbers but the process is different).
2. Make use of the proposed property “overview” to allow for general descriptions of the instantiation of the class while allowing for later expansion to more detailed content.
3. Add hasResult to Process.
   1. See discussion on figure regarding with the Result should contain an Outcome or and OutcomeCollection.
4. Result has a Usage which has a Guide. The Usage applies to a Unit Type and is used by some form of Uber User Entity (it could be used as input to another process (a sample of a population that will be one of the inputs to a data collection process, in conjunction with a set of variables under specific conditions as a means of weighting for analysis, etc.)
   1. Note this could be as broad as an AnnotatedIdentifiable but we may want to constrain it in some way…or constrain it in applying the pattern.
   2. An overall process may have 0..n Result, that is the realization of its intended Goal. The Result contains an Output from the process model. Note that if it is simply going into another Process or Process Step it could be related to the input of a Process Step using Binding via the Output. However, some results may be used by analysts (such as weights), or to determine proper translations of question content etc. The original intent of Result was to provide guidance on the usage of the result of a process outside of the control of the data producer (i.e. guidance to the user of the data).
5. NOTE ERROR on diagram: Precondition should have extension base Business Function