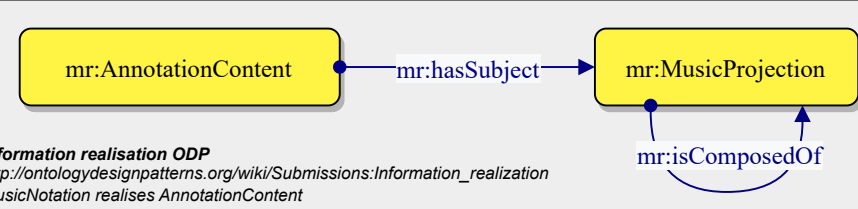
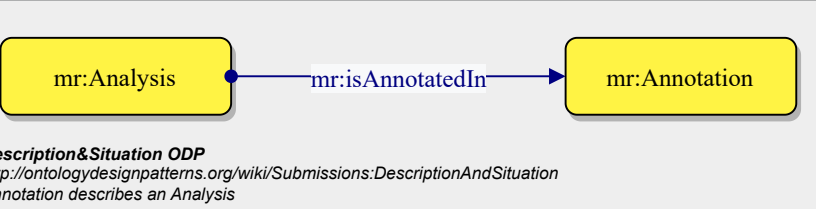


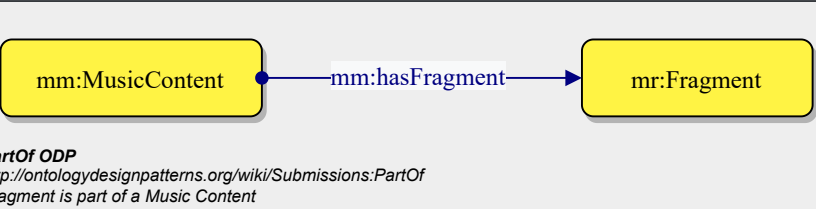
**Explanation ODP**  
<http://ontologydesignpatterns.org/wiki/Submissions:ExplanationODP>  
 MusicContent is the explanandum, that is explained by the Analysis (Explanans) based on a specific theory (AnalyticalReference subClassOf dul:Theory)  
**important assumption:** whenever an analysis is performed it needs ALWAYS an explicit AnalyticalReference (even in Open World assumption). If a theory is not present, then we can use an ImplicitTheory (subClassOf AnalyticalReference) that does not clash with a theory added later.



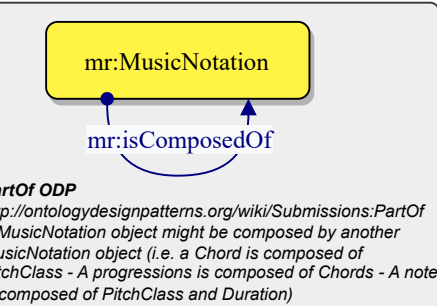
**Information realisation ODP**  
[http://ontologydesignpatterns.org/wiki/Submissions:Information\\_realization](http://ontologydesignpatterns.org/wiki/Submissions:Information_realization)  
 MusicNotation realises AnnotationContent



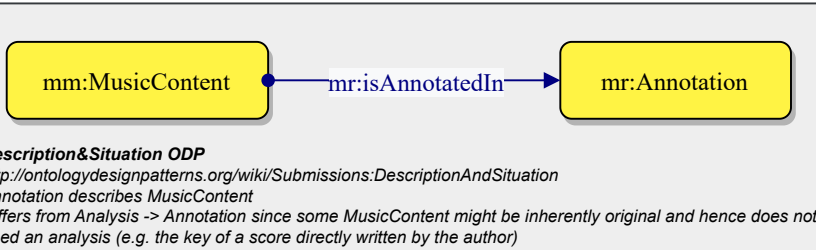
**Description&Situation ODP**  
<http://ontologydesignpatterns.org/wiki/Submissions:DescriptionAndSituation>  
 Annotation describes an Analysis



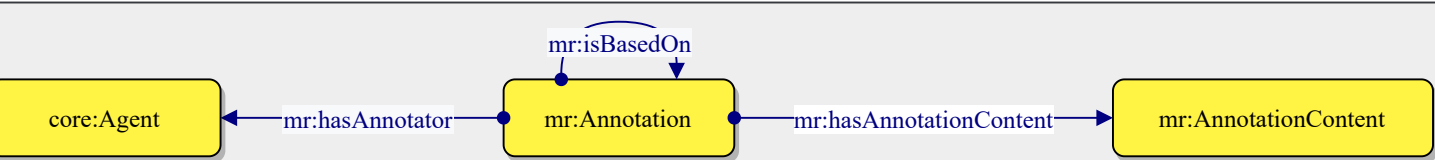
**PartOf ODP**  
<http://ontologydesignpatterns.org/wiki/Submissions:PartOf>  
 Fragment is part of a Music Content



**PartOf ODP**  
<http://ontologydesignpatterns.org/wiki/Submissions:PartOf>  
 A MusicNotation object might be composed by another MusicNotation object (i.e. a Chord is composed of PitchClass - A progressions is composed of Chords - A note is composed of PitchClass and Duration)



**Description&Situation ODP**  
<http://ontologydesignpatterns.org/wiki/Submissions:DescriptionAndSituation>  
 Annotation describes MusicContent  
 Differs from Analysis -> Annotation since some MusicContent might be inherently original and hence does not need an analysis (e.g. the key of a score directly written by the author)



**Description&Situation ODP**  
<http://ontologydesignpatterns.org/wiki/Submissions:DescriptionAndSituation> + <http://ontologydesignpatterns.org/wiki/Submissions:ExplanationODP>  
 Annotation is the Situation. It describes the AnnotationContent.  
 isBasedOf is not a PartOf relation (not transitive)! It is an Explanation ODP where the an annotation is explained by (based on) another annotation (ex: An annotation that specifies the Roman numeral is based on an annotation on the Key and an annotation on the Surface chord)



**TimeIndexedSituation ODP**  
<http://ontologydesignpatterns.org/wiki/Submissions:TimeIndexedSituation>