

## 1. Which object is described in more than one chapter?

```
PREFIX lrmo: <http://www.cidoc-crm.org/lrmo/>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX miro: <https://example.org/miro/>
```

```
SELECT ?item (GROUP_CONCAT(DISTINCT ?chapter; separator=", ") AS ?chapters)
WHERE {
    ?chapter miro:hasIntermedialReference ?item .
}
GROUP BY ?item
HAVING (COUNT(DISTINCT ?chapter) > 1)
ORDER BY ?item
```

	item	chapters
1	miro:expression/cassa-sistina-e	"https://w3id.org/miro/expression/chapter-I, https://w3id.org/miro/expression/chapter-V, https://w3id.org/miro/expression/chapter-IX"
2	miro:expression/go-for-your-money-e	"https://w3id.org/miro/expression/chapter-CII, https://w3id.org/miro/expression/chapter-CV, https://w3id.org/miro/expression/chapter-CIX"

**2. Does the ekphrastic relation of the cultural object *Go for your money* change within the different chapters? If yes, how does it change?**

```
PREFIX lrmoo: <http://www.cidoc-crm.org/lrmoo/>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX miro: <https://example.org/miro/>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

SELECT ?chapter (GROUP_CONCAT(DISTINCT ?feature; separator=", ") AS
?features)
WHERE {
    ?relation a miro:EkphrasticRelation .
    ?relation miro:hasFeature ?feature .
    ?relation miro:hasMediumA ?chapter .
    ?relation miro:hasMediumB <https://w3id.org/miro/expression/go-for-your-
money-e> .
}
GROUP BY ?chapter
ORDER BY ?chapter
```

	chapter	features
1	miro:expression/chapter-CII	"citation of cinematographic and graphic techniques, mimetic description, spatial details, spatial indicators"
2	miro:expression/chapter-CIX	"citation of cinematographic and graphic techniques, mimetic description, spatial details, spatial indicators"
3	miro:expression/chapter-CV	"citation of cinematographic and graphic techniques, mimetic description, spatial details, spatial indicators"

**3. Does the ekphrastic relation of the cultural object *Cassa Sistina* change within the different chapters? If yes, how does it change?**

```
PREFIX lrmoo: <http://www.cidoc-crm.org/lrmoo/>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs:
<http://www.w3.org/2000/01/rdf-schema#> PREFIX miro:
<https://example.org/miro/>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

SELECT ?chapter (GROUP_CONCAT(DISTINCT ?feature; separator=", ") AS
?features)
WHERE {
    ?relation a miro:EkphrasticRelation .
    ?relation miro:hasFeature ?feature .
    ?relation miro:hasMediumA ?chapter .
    ?relation miro:hasMediumB <https://w3id.org/miro/expression/cassa-sistina-
e> .
}
GROUP BY ?chapter
ORDER BY ?chapter
```

	chapter	features
1	miro:expression/chapter-I	"artistic technique and artwork description (internal)"
2	miro:expression/chapter-IX	"artistic technique and artwork description (environmental)"
3	miro:expression/chapter-V	"typographic element, artistic technique and artwork description (external)"

#### 4. Which types of interpretative acts are in disagreement?

```
PREFIX miro: <https://example.org/miro/>
PREFIX hico: <http://purl.org/emmedi/hico>
PREFIX cito: <http://purl.org/spar/cito/>
PREFIX prov: <http://www.w3.org/ns/prov#>
```

```
SELECT ?interpretationA ?interpretation_type ?interpretationB
WHERE {
  ?interpretationA a hico:InterpretationAct .
  ?interpretationA hico:hasInterpretationType ?interpretation_type .
  ?interpretationA cito:disagreesWith ?interpretationB .
  FILTER(STR(?interpretationA) < STR(?interpretationB))
}
```

	interpretationA	interpretation_type	interpretationB
1	miro:interpretationAct/interpretationAct_10_ek	miro:type/ekph-rel-attribution	miro:interpretationAct/interpretationAct_9_ek

## 5. Which types of interpretative acts are in agreement?

```
PREFIX miro: <https://example.org/miro/>
PREFIX hico: <http://purl.org/emmedi/hico>
PREFIX cito: <http://purl.org/spar/cito/>
PREFIX prov: <http://www.w3.org/ns/prov#>
```

```
SELECT ?interpretationA ?interpretation_type ?interpretationB WHERE {
  ?interpretationA a hico:InterpretationAct .
  ?interpretationA hico:hasInterpretationType ?interpretation_type .
  ?interpretationA cito:agreesWith ?interpretationB .
  FILTER(STR(?interpretationA) < STR(?interpretationB))
}
```

	interpretationA	interpretation_type	interpretationB
1	miro:interpretationA ct/interpretationAct_15_ek	miro:type/ekph-rel- attribution	miro:interpretation Act/interpretationA ct_16_ek
2	miro:interpretationA ct/interpretationAct_15_ek	miro:type/ekph-rel- attribution	miro:interpretation Act/interpretationA ct_4_ek
3	miro:interpretationA ct/interpretationAct_16_ek	miro:type/ekph-rel- attribution	miro:interpretation Act/interpretationA ct_4_ek
4	miro:interpretationA ct/interpretationAct_17_ek	miro:type/ekph-rel- attribution	miro:interpretation Act/interpretationA ct_7_ek
5	miro:interpretationA ct/interpretationAct_18_ek	miro:type/ekph-rel- attribution	miro:interpretation Act/interpretationA ct_8_ek
6	miro:interpretationA ct/interpretationAct_18_mc	miro:type/media-c omb-attribution	miro:interpretation Act/interpretationA ct_8_mc
7	miro:interpretationA ct/interpretationAct_17_mr	miro:type/media-re f-attribution	miro:interpretation Act/interpretationA ct_7_mr
8	miro:interpretationA ct/interpretationAct_13_mt	miro:type/media-tr asp-attribution	miro:interpretation Act/interpretationA ct_19_mt

9	miro:interpretationAct/interpretationAct_14_mt	miro:type/media-trasp-attribute	miro:interpretationAct/interpretationAct_20_mt
---	--	---------------------------------	--