### These are the deprecated concepts, which require mapping:

### Deprecated classes

|  |  |
| --- | --- |
| E38 Image | use E36 Visual Item instead  |
| E40 Legal Body | use [E74](#_2et92p0) Group instead |
| E44 Place Appellation | use [E41](#_2et92p0) Appellation instead |
| E45 Address | use [E41](#_2et92p0) Appellation instead |
| E46 Section Definition | use [E41](#_2et92p0) Appellation instead |
| E47 Spatial Coordinates | use [E41](#_2et92p0) Appellation instead |
| E48 Place Name | use [E41](#_2et92p0) Appellation instead |
| E49 Time Appellation | use [E41](#_2et92p0) Appellation instead |
| E50 Date | use [E41](#_2et92p0) Appellation instead |
| E51 Contact Point | use [E41](#_2et92p0) Appellation instead |
| E75 Conceptual Object Appellation | use [E41](#_2et92p0) Appellation instead |
| E82 Actor Appellation | use [E41](#_2et92p0) Appellation instead |
| E84 Information Carrier | Use E22 Human-Made Object instead |

Proposal: use P2 hast type with the deprecated class name:

E38 Image = E36 Visual Item. P2 has type: „E38 Image“, etc.

### Deprecated properties

|  |  |  |
| --- | --- | --- |
| P58 has section definition (defines section) | use P1 is identified by (identifies) instead | replace |
| P78 is identified by (identifies) | use P1 identified by (identifies) instead | replace |
| P83 had at least duration (was minimum duration of) | use instead the property P191 had duration (was duration of) **with adequate formulation of a lower bound for P90 has value.** | Construct a Dimension with CRM RDFS subproperty of P90 has value: “P90a\_has\_lower\_value\_limit”  |
| P84 had at most duration (was maximum duration of) | use instead the property P191 had duration (was duration of) **with adequate formulation of an upper bound for P90 has value.** | Construct a Dimension with CRM RDFS subproperty of P90 has value: “P90b\_has\_upper\_value\_limit” |
| P87 is identified by (identifies) | use P1 identified by (identifies) instead | replace |
| P114 is equal in time to | It has been added to CRMarchaeo | Replace or “owl:same\_as |
| P115 finishes (is finished by) | It has been added to CRMarchaeo | dito |
| P116 starts (is started by) | It has been added to CRMarchaeo |  |
| P117 occurs during (includes) | It has been added to CRMarchaeo |  |
| P118 overlaps in time with (is overlapped in time by) | It has been added to CRMarchaeo |  |
| P119 meets in time with (is met in time by) | It has been added to CRMarchaeo |  |
| P120 occurs before (occurs after) | It has been added to CRMarchaeo |  |
| P131 is identified by (identifies) | Use P1 identified by (identifies) instead | replace |
| P149 is identified by (identifies) | use P1 identified by (identifies) | replace |
| P178 ends after or with (ends before or at the end of)  | Use P184i ends before or with the end of (ends with or after the end of) instead | replace |
| P181 has amount | E54 Dimension .P90 has value:E60 Number instead | replace |

We need a list of reduced ranges, such as P123, P124:

* 1. **P123 resulted in (resulted from)**

Domain: [E81](#_tyjcwt) Transformation

Range: [E18](#_3dy6vkm) Physical Thing

This needs a check, which rises an error, if incompatible. For E28 Conceptual Object,

* 1. **Replace** P123 resulted in (resulted from) **by** E65 Creation: [**P94**](#_1t3h5sf) **has created** (was created by): [E28](#_4d34og8) Conceptual Object
	2. **P124 transformed (was transformed by)**
	3. Domain: E81 Transformation
	4. Range: E18 Physical Thing
	5. **Replace** P123 resulted in (resulted from) **by** E65 Creation: **P16 used specific object** (was used for): [E28](#_4d34og8) Conceptual Object
	6. Etc.
	7. I propose to use X3ML notation, and possibly a logical expression?