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**Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 1: MPEG media transport (MMT) — Amendment 2: Additional asset descriptor**

CD stage

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*Add the following new subclause after 10.5.13.4 and before 10.6:*

### Alternative descriptor

* + - 1. **General**

This descriptor signals alternative relationship information among assets. The assets signalled by this descriptor can be used instead of the asset including this descriptor in its asset descrioptor loop.

* + - 1. **Syntax**

Table 95 shows the syntax of the alterantive asset descriptor.

Table 95 — Alternative asset descriptor

|  |  |  |  |
| --- | --- | --- | --- |
| **Syntax** | **Values** | **No. of bits** | **Mnemonic** |
| Alternative\_asset\_descriptor () { |  |  |  |
| **descriptor\_tag** |  | **16** | **uimsbf** |
| **descriptor\_length** |  | **8** | **uimsbf** |
| **number\_of\_alternatives**  for (i=0 ; i<N ; i++){  asset\_id()  } | **N** | **8** | **uimsbf** |
| } |  |  |  |

* + - 1. **Semantics**

number\_of\_alternatives specifies the number of assets which have alternative relationship.

asset\_id()provides the identifier of the asset referenced by the asset this descriptor is associated with as an alternative.