

|                      | <i><b>Modality Theory</b></i>                | <i><b>PREMO</b></i>  | <i><b>MPEG7</b></i>  | <i><b>Mime</b></i>  | <i><b>CSS</b></i>                 | <i><b>CC/PP</b></i>   | <i><b>Media Streams</b></i>                       |
|----------------------|--|--|--|---|-----------------------------------|---|---|
| Intended use         | define primitives for multi-modal generation | Reference model for comparing multimedia systems/architectures | Semi extensible Framework to describe and retrieve multimedia content. | Protocol originally used for handling content of mail messages. Currently used in browsers and window managers. | designer orient<br>hsl versus rgb | Defines a vocabulary to describe capabilities of hardware device. | Describe video content for querying and composing |
| Focus                |  |  | describe/search  |   | document layout                   |   | Video editing                                     |
| Originating Field    | HCI  | Software Architecture  | Multimedia Database  | Network   | Design                            | Device  | Video   |
| Extensible           | No   | No   | Yes, but only within mpeg7   | Yes, new types can be registered.   | yes                               | yes   | no  |
| Complete             | Yes  | Yes  | No   | No  | yes                               |   | no  |
| System/User oriented | User   | System   | System   | System  |                                   | System  | user  |
| Composites           | No   | Yes  | Yes  | Yes, multipart  | yes                               |   | yes   |
| Content Description  | No   | No   | Yes  | No  |                                   | No  | yes   |