# Annex A (informative)

**AccessForAll (AfA) Needs Vocabularies – version 01**

## accessMode vocabulary

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| ISO English Language | | |
| ID | Term | Definition |
| T101 | auditory | A characteristic of the content of a resource that relies on the sensory perception of hearing |
| T102 | fullAudioControl | A characteristic of a resource that implies total control of the resource using only sound |
| T103 | fullKeyboardControl | A characteristic of a resource that implies total control of the resource using only a keyboard |
| T104 | fullMouseControl | A characteristic of a resource that implies total control of the resource using only a mouse |
| T105 | fullTouchControl | A characteristic of a resource that implies total control of the resource using only touch |
| T106 | fullVideoControl | A characteristic of a resource that implies total control of the resource using only video input |
| T107 | tactile | A characteristic of the content of a resource that relies on the sensory perception of touch |
| T108 | timeControl | A characteristic of a resource with timed effects that can be controlled to slow the events |
| T109 | visual | A characteristic of the content of a resource that relies on the sensory perception of seeing |

Note: the value of the data element is to be a list that shows the required modes, in combination, to gain full access to and operation of the resource – so a list of the above. This means the accessMode element will be repeated for each set possible for a resource.

## Literacy/linguistic vocabulary/ cognition capacity?

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| ISO English Language | | |
| ID | Term | Definition |
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What are we going to call this??? What are we trying to do?

We want to capture the notion that text is not visual necessarily,

Where does literacy in terms of being able to process it come in?

I want to say that I can understand spoken words …

And maybe I want to say I can read but not understand what is written ….

## accessibilityFeature needs vocabulary

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| ISO English Language |

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| ID | Term | Definition |
|  | backgroundSoundControl | A characteristic of a resource that enables removal of the background sound from the auditory content. This is a refinement of enhancedAudio. When a user specifies this feature, if it is not available in a resource that relies on accessMode auditory, they should not be given the resource in that form. |
|  | BANAgraphic | A characteristic of a resource with tactile graphical content that conforms to the BANA standard. When a user specifies this feature, if it is not available in a resource that relies on accessMode tactile, they should not be given the resource in that form. (ref to BANA standard) |
|  | braille | A characteristic of the text content of a resource that enables it to be read as braille. When a user specifies this feature, if it is not available in a resource that relies on Literacy ????, they should not be given the resource in that form |
|  | captions | A characteristic of a resource with a synchronized text alternative to speech or a description of actions or activities otherwise conveyed audibly. When a user specifies this feature, if it is not available in a resource that relies on accessMode auditory, they should not be given the resource in that form |
|  | colorIndependent | A characteristic of a resource with visual content that does not rely on color discrimination for perception of an essential part of the visual content. When a user specifies this feature, if it is not available in a resource that relies on accessMode visual, they should not be given the resource in that form |
|  | haptic | A characteristic of a resource with tactile content that relies on perception using the senses of touch and proprioception. When a user specifies this feature, if it is not available in a resource that relies on accessMode tactile, they should not be given the resource in that form |
|  | highContrast | A characteristic of a resource with visual content that does not rely on perception of low-contrasting colors. When a user specifies this feature, if it is not available in a resource that relies on accessMode visual, they should not be given the resource in that form |
|  | alternativeToVisual | A characteristic of a resource that provides an alternative to all visual content. When a user specifies this feature, if it is not available in a resource that relies on accessMode visual, they should not be given the resource in that form. |
|  | largeSize | A characteristic of a resource with visual content that can be resized up to 200 percent without loss of content or functionality (WCAG 2.0, 1.4.4). When a user specifies this feature, if it is not available in a resource that relies on accessMode visual, they should not be given the resource in that form. |
|  | pitch | A characteristic of a resource with auditory content that relies on the sensory perception of hearing within a given range of pitch. When a user specifies this feature, if it is not available in a resource that relies on accessMode auditory, they should not be given the resource in that form. |
|  | signLanguage | A characteristic of a resource with auditory content that replaces auditory content of the resource with visual actions in a recognized sign language. When a user specifies this feature, if it is not available in a resource that relies on accessMode auditory, they should not be given the resource in that form. |
|  | alternativeToSound | A characteristic of a resource that provides an alternative to all auditory content. When a user specifies this feature, if it is not available in a resource that relies on accessMode auditory, they should not be given the resource in that form.  Note – if an alternative to sound is necessary, why not just use accessMode? Text alt to sound? |
|  | structuralNavigation | A characteristic of a resource containing a table of contents or similar facility to allow high-level document navigation. When a user specifies this feature, if it is not available in a resource, they should not be given the resource |
|  | tactileObject | A characteristic of a resource that is ….. |
|  | textFromVisual | A characteristic of a resource that replaces visual text in an image (moving or still) with transformable text. When a user specifies this feature, if it is not available in a resource that relies on accessMode visual, they should not be given the resource in that form. |
|  | tone | A characteristic of a resource with auditory content that relies on the sensory perception of hearing within a given range of tone. When a user specifies this feature, if it is not available in a resource that relies on accessMode auditory, they should not be given the resource in that form |
|  | volumeControl | A characteristic of a resource with auditory content that can be adjusted. (UAAG 2.0 Guideline 1.5) When a user specifies this feature, if it is not available in a resource that relies on accessMode auditory, they should not be given the resource in that form |

*Editor****’s*** *Notes:*

*Note: schema.org has a long list of suggested values for accessibilityFeature – which, if any, of these should be included in this ISO version?*

*alternativeText , annotations , audioDescription , bookmarks , braille , captions , ChemML , describedMath , displayTransformability , highContrastAudio , highContrastDisplay , index , largePrint , latex , longDescription , MathML , none , printPageNumbers , readingOrder , signLanguage , structuralNavigation , tableOfContents , taggedPDF , tactileGraphic , tactileObject , timingControl , transcript , ttsMarkup , unlocked*

## .accessibilityHazard vocabulary

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| ISO English Language | | |
| ID | Term | Definition |
|  | flashing |  |
|  | noFlashingHazard |  |
|  | motionSimulation |  |
|  | noMotionSimulationHazard |  |
|  | sound |  |
|  | noSoundHazard |  |

*Editor’s Notes: Note that this is a tricky one. We want to alert people to hazards and be sure that a resource is marked nohazard only when it has been reliably checked…*

## accessibilityAPI vocabulary

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| ISO English Language | | |
| ID | Term | Definition |
|  | AndroidAccessibility |  |
|  | ARIA |  |
|  | ATK |  |
|  | AT-SPI |  |
|  | BlackberryAccessibility |  |
|  | iAccessible2 |  |
|  | iOSAccessibility |  |
|  | JavaAccessibility |  |
|  | MacOSXAccessibility |  |
|  | MSAA |  |
|  | UIAutomation |  |
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## Format vocabulary

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| ISO English Language | | |
| ID | Term | Definition |
|  | chemML |  |
|  | mathML |  |
|  | latex | A characteristic of a resource involving specific ASCII/XML encodings. |
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