

# Accessibility Evaluation Report

M-Files Solution Catalog

***M-Files***<sup>®</sup>

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## 1. Executive Summary

This report describes the conformance of the M-Files Solution Catalog website with W3C's Web Content Accessibility Guidelines (WCAG). The review process is described in Section 5 below and is based on evaluation described in Accessibility Evaluation Resources.

Based on this evaluation, the M-Files Solution Catalog website meets mostly WCAG 2.1, Conformance Level AA. Detailed review results are available in Section 6 below. Resources for follow-up study are listed in Section 7 below. Feedback on this evaluation is welcome.

## 2. Background about Evaluation

Conformance evaluation of web accessibility requires a combination of semi-automated evaluation tools and manual evaluation by an experienced reviewer. The evaluation results in this report are based on evaluation conducted on the following dates: 28.9.2020, 29.9.2020 and 30.9.2020. The website may have changed since that time.

## 3. Scope of Review

- M-Files Solution Catalog
  - The purpose of this website is to provide add-on products and solutions for M-Files product.
- Link to the site: <http://catalog.mfilesdev.com/>
- URLs included in review
  - Reviewed manually and with semi-automated evaluation tools
    - <http://catalog.mfilesdev.com/>
    - <http://catalog.mfilesdev.com/shop/>
    - <http://catalog.mfilesdev.com/product/>
    - <http://catalog.mfilesdev.com/partners/>
      - <http://catalog.mfilesdev.com/solution-partners/>
      - <http://catalog.mfilesdev.com/technology-partners/>
      - <http://catalog.mfilesdev.com/authorized-service-partners/>
    - <http://catalog.mfilesdev.com/the-solution-catalog/>
      - <http://catalog.mfilesdev.com/solution-program/>
      - <http://catalog.mfilesdev.com/about-the-technology-partner-program/>
      - <http://catalog.mfilesdev.com/about-the-service-partner-program/>
      - <http://catalog.mfilesdev.com/developer-community/>
- Review time
  - 28.9.2020, 29.9.2020 and 30.9.2020
- Natural language of website:
  - English

## 4. Reviewer(s)

- M-Files UX Team
- Contact
  - ux@m-files.com
- Using Combined Expertise to Evaluate Web Accessibility
- Natural languages with which reviewers are fluent:
  - English
  - Finnish

## 5. Review Process

- Site was tested for WCAG 2.1 A, AA and AAA levels.
- Evaluation and validation tools used
  - WAVE
  - IBM Accessibility
  - SiteImprove browser extension
  - Google Lighthouse browser extension
- Manual review
  - UX experts going through site with WCAG 2.1 checklist

## 6. Results and Recommended Actions

- Summary of review results
  - This website appears to meet mostly WCAG 2.1 A and AA levels. Site also meets some optional AAA level requirements.
  - Accessibility features in which this site is strong include:
    - Contrast
    - Location
    - Consistent navigation
  - Recommended priorities for addressing inaccessible features of site
    - Info and relationship
    - Visible Focus
- Detailed results
  - Website meets following WCAG 2.1 requirements:
    1. [WCAG 1.1.1] Non textual content (Level A)
    2. [WCAG 1.3.2] Meaningful Sequence (Level A)
    3. [WCAG 1.3.3] Sensory Characteristics (Level A)
    4. [WCAG 1.3.4] Orientation (Level AA)
    5. [WCAG 1.3.5] Identify Input Purpose (Level AA)
    6. [WCAG 1.4.3] Contrast (Minimum) (Level AA)

7. [WCAG 1.4.4] Resize text (Level AA)
  8. [WCAG 1.4.5] Images of Text (Level AA)
  9. [WCAG 1.4.10] Reflow (Level AA)
  10. [WCAG 1.4.11] Non-text Contrast (Level AA)
  11. [WCAG 1.4.12] Text Spacing (Level AA)
  12. [WCAG 1.4.13] Content on Hover or Focus (Level AA)
  13. [WCAG 2.1.1] Keyboard (Level A)
  14. [WCAG 2.1.2] No Keyboard Trap (Level A)
  15. [WCAG 2.2.2] Pause, Stop, Hide (Level A)
  16. [WCAG 2.2.3] No Timing (Level AAA)
  17. [WCAG 2.3.1] Three Flashes or Below Threshold (Level A)
  18. [WCAG 2.3.2] Three Flashes (Level AAA)
  19. [WCAG 2.3.3] Animation from interactions (Level AAA)
  20. [WCAG 2.4.2] Page Titled (Level A)
  21. [WCAG 2.4.3] Focus Order (Level A)
  22. [WCAG 2.4.4] Link Purpose (in Context) (Level A)
  23. [WCAG 2.4.5] Multiple Ways (Level AA)
  24. [WCAG 2.4.6] Headings and Labels (Level AA)
  25. [WCAG 2.4.8] Location (Level AAA)
  26. [WCAG 2.4.9] Link Purpose (Link Only) (Level AAA)
  27. [WCAG 2.5.1] Pointer Gestures (Level A)
  28. [WCAG 2.5.2] Pointer Cancellation (Level A)
  29. [WCAG 2.5.3] Label in Name (Level A)
  30. [WCAG 2.5.4] Motion Actuation (Level A)
  31. [WCAG 3.1.1] Language of Page (Level A)
  32. [WCAG 3.1.2] Language Parts (Level AA)
  33. [WCAG 3.1.3] Unusual Words (Level AAA)
  34. [WCAG 3.2.1] On Focus (Level A)
  35. [WCAG 3.2.2] On Input (Level A)
  36. [WCAG 3.2.3] Consistent Navigation (Level AA)
  37. [WCAG 3.2.4] Consistent Identification (Level AA)
  38. [WCAG 3.3.1] Error Identification (Level A)
  39. [WCAG 3.3.3] Error Suggestion (Level AA)
  40. [WCAG 3.3.2] Labels or Instructions (Level A)
  41. [WCAG 3.3.4] Error Prevention (Legal, Financial, Data) (Level AA)
  42. [WCAG 4.1.1] Parsing (Level A)
  43. [WCAG 4.1.3] Status Messages (Level AA)
- Website do not meet following WCAG 2.1 requirements:
    1. [WCAG 1.3.1] Info and Relationships (Level A)
      - Input field has no description. Landmarks of the same type that has not been named
    2. [WCAG 1.4.1] Use of Color. (Level A)
      - Some links only identified only by color
    3. [WCAG 2.4.1] Bypass Blocks (Level A)

- No option to skip repeated content
- 4. [WCAG 2.4.7] Focus Visible (Level AA)
  - Some keyboard operative actions do not have hover
- 5. [WCAG 4.1.2] Name, Role, Value (Level A)
  - Input field has no description. Form is missing a button.
- Excluded WCAG 2.1 requirements from Website:
  1. [WCAG 1.2.1 - 1.2.9] Time-based Media
    - There is no time-based media
  2. [WCAG 1.3.6] Identify Purpose (Level AAA)
    - Optional requirement
  3. [WCAG 1.4.2] Audio Control (Level AA)
    - There is no build in audio player (only external)
  4. [WCAG 1.4.6] Contrast (Enhanced) (Level AAA)
    - Optional requirement
  5. [WCAG 1.4.7] Low or No Background Audio (Level AAA)
    - Optional requirement
  6. [WCAG 1.4.8] Visual Presentation (Level AAA)
    - Optional requirement
  7. [WCAG 1.4.9] Images of Text (No exception) (Level AAA)
    - Optional requirement
  8. [WCAG 2.1.3] Keyboard (No Exception) (Level AAA)
    - Optional requirement
  9. [WCAG 2.1.4] Character Key Shortcuts (Level A)
    - Not implemented
  10. [WCAG 2.2.1] Timing Adjustable (Level A)
    - No time limits
  11. [WCAG 2.2.4] Interruptions (Level AAA)
    - Optional requirement
  12. [WCAG 2.2.5] Re-authenticating (Level AAA)
    - Optional requirement
  13. [WCAG 2.2.6] Timeouts
    - No time limits
  14. [WCAG 2.4.10] Section Headings (Level AAA)
    - Optional requirement
  15. [WCAG 2.5.5] Target Size (Level AAA)
    - Optional requirement
  16. [WCAG 2.5.6] Concurrent Input Mechanisms (Level AAA)
    - Optional requirement
  17. [WCAG 3.1.4] Abbreviations (Level AAA)
    - Optional requirement
  18. [WCAG 3.1.5] Reading level (Level AAA)
    - Optional requirement
  19. [WCAG 3.1.6] Pronunciation (Level AAA)
    - Optional requirement

20. [WCAG 3.2.5] Change on Request (Level AAA)
  - Optional requirement
21. [WCAG 3.3.5] Help (Level AAA)
  - Optional requirement
22. [WCAG 3.3.6] Error Prevention (All) (Level AAA)
  - Optional requirement

- IBM Accessibility evaluation tool results:

IBM Accessibility  
Equal Access Toolkit:  
Accessibility Checker  
Report

30.9.2020 klo 9.56.17  
Scanned page: <http://catalog.mfilesdev.com/>

**Current status**

# 80%

Percentage of elements with no detected violations or items to review

This report summarizes automated tests. You have to perform additional manual tests to complete accessibility assessments. Use the [IBM Equal Access Toolkit](#) to guide you.

More resources:  
[Quick unit test for accessibility](#)  
[Full accessibility test process](#)

- Lighthouse Google evaluation tool results:

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### Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

**Navigation** — These are opportunities to improve keyboard navigation in your application.

- ▲ Heading elements are not in a sequentially-descending order

**Names and labels** — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

- ▲ Form elements do not have associated labels
- ▲ Links do not have a discernible name

**Best practices** — These items highlight common accessibility best practices.

- ▲ `[user-scalable="no"]` is used in the `<meta name="viewport">` element or the `[maximum-scale]` attribute is less than 5.

**Additional items to manually check (10)** — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

**Passed audits (14)**

**Not applicable (23)**

- UX-team continues to monitor website for accessibility issues and improvements.

## 7. References

- Web Content Accessibility Guidelines (WCAG) Overview  
<https://www.w3.org/WAI/intro/wcag>

- Web Content Accessibility Guidelines 2.1  
<https://www.w3.org/TR/WCAG21/>
- Techniques for WCAG 2.1  
<https://www.w3.org/WAI/WCAG21/Techniques/>
- Accessibility Evaluation Resources  
<http://www.w3.org/WAI/eval/>
- Web Accessibility Evaluation Tools List  
<https://www.w3.org/WAI/ER/tools/>
- Using Combined Expertise to Evaluate Web Accessibility  
<https://www.w3.org/WAI/eval/reviewteams>