

## [MS-LONGDESC]:

# Microsoft Edge / Internet Explorer HTML5 Image Description Extension (longdesc) Standards Support Document

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## Revision Summary

| Date      | Revision History | Revision Class | Comments   |
|-----------|------------------|----------------|--|
| 8/11/2015 | 1.0              | New            | Released new document.   |
| 11/2/2015 | 1.1              | None           | No changes to the meaning, language, or formatting of the technical content. |
| 1/20/2016 | 1.2              | Minor          | Clarified the meaning of the technical content.                              |
| 3/22/2016 | 1.2              | None           | No changes to the meaning, language, or formatting of the technical content. |
| 11/2/2016 | 1.2              | None           | No changes to the meaning, language, or formatting of the technical content. |
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| 2/22/2018 | 1.2              | None           | No changes to the meaning, language, or formatting of the technical content. |
| 3/23/2018 | 1.2              | None           | No changes to the meaning, language, or formatting of the technical content. |

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# 1 Introduction

This document describes the level of support provided by Microsoft web browsers for the W3C HTML5 Image Description Extension (longdesc) specification [\[W3C-LONGDESC\]](#), published 26 February 2015. The [W3C-LONGDESC] specification defines a longdesc attribute (based on the longdesc attribute of HTML 4) to link descriptions to images in HTML5 content.

## 1.1 Glossary

**MAY, SHOULD, MUST, SHOULD NOT, MUST NOT:** These terms (in all caps) are used as defined in [\[RFC2119\]](#). All statements of optional behavior use either MAY, SHOULD, or SHOULD NOT.

## 1.2 References

Links to a document in the Microsoft Open Specifications library point to the correct section in the most recently published version of the referenced document. However, because individual documents in the library are not updated at the same time, the section numbers in the documents may not match. You can confirm the correct section numbering by checking the [Errata](#).

### 1.2.1 Normative References

We conduct frequent surveys of the normative references to assure their continued availability. If you have any issue with finding a normative reference, please contact [dochelp@microsoft.com](mailto:dochelp@microsoft.com). We will assist you in finding the relevant information.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997, <http://www.rfc-editor.org/rfc/rfc2119.txt>

[W3C-LONGDESC] World Wide Web Consortium, "HTML5 Image Description Extension (longdesc)", W3C Recommendation 26 February 2015, <http://www.w3.org/TR/2015/REC-html-longdesc-20150226/>

### 1.2.2 Informative References

None.

## 1.3 Microsoft Implementations

The following Microsoft web browser versions implement some portion of the [\[W3C-LONGDESC\]](#) specification:

- Windows Internet Explorer 9
- Windows Internet Explorer 10
- Internet Explorer 11
- Internet Explorer 11 for Windows 10
- Microsoft Edge

Each browser version may implement multiple document rendering modes. The modes vary from one to another in support of the standard. The following table lists the document modes supported by each browser version.

| Browser Version                     | Document Modes Supported                          |
|-------------------------------------|---|
| Internet Explorer 9                 | Quirks Mode<br>IE9 Mode<br>IE10 Mode<br>IE11 Mode |
| Internet Explorer 10                | Quirks Mode<br>IE9 Mode<br>IE10 Mode<br>IE11 Mode |
| Internet Explorer 11                | Quirks Mode<br>IE9 Mode<br>IE10 Mode<br>IE11 Mode |
| Internet Explorer 11 for Windows 10 | Quirks Mode<br>IE9 Mode<br>IE10 Mode<br>IE11 Mode |
| Microsoft Edge                      | EdgeHTML Mode                                     |

For each variation presented in this document there is a list of the document modes and browser versions that exhibit the behavior described by the variation. All combinations of modes and versions that are not listed conform to the specification. For example, the following list for a variation indicates that the variation exists in three document modes in all browser versions that support these modes:

*Quirks Mode, IE7 Mode, and IE8 Mode (All Versions)*

## 1.4 Standards Support Requirements

To conform to [\[W3C-LONGDESC\]](#) a user agent must implement all required portions of the specification. Any optional portions that have been implemented must also be implemented as described by the specification. Normative language is usually used to define both required and optional portions. (For more information, see [\[RFC2119\]](#).)

The following table lists the sections of [\[W3C-LONGDESC\]](#) and whether they are considered normative or informative.

| Sections | Normative/Informative |
|----------|-----------------------|
| 1,2      | Informative           |
| 3        | Normative             |

## 1.5 Notation

The following notations are used in this document to differentiate between notes of clarification, variation from the specification, and points of extensibility.

| Notation | Explanation   |
|----------|---|
| C####    | This identifies a clarification of ambiguity in the target specification. This includes imprecise statements, omitted information, discrepancies, and errata. This does not include data formatting clarifications. |
| V####    | This identifies an intended point of variability in the target specification such as the use of MAY, SHOULD, or RECOMMENDED. (See <a href="#">RFC2119</a> .) This does not include extensibility points.            |
| E####    | Because the use of extensibility points (such as optional implementation-specific data) can impair interoperability, this profile identifies such points in the target specification.                               |

For document mode and browser version notation, see also section [1.3](#).

## 2 Standards Support Statements

This section contains all variations and clarifications for the Microsoft implementation of [\[W3C-LONGDESC\]](#).

- Section [2.1](#) describes normative variations from the MUST requirements of the specification.
- Section [2.2](#) describes clarifications of the MAY and SHOULD requirements.
- Section [2.3](#) considers error handling aspects of the implementation.
- Section [2.4](#) considers security aspects of the implementation.

### 2.1 Normative Variations

The following subsections describe normative variations from the MUST requirements of [\[W3C-LONGDESC\]](#).

#### 2.1.1 [WC3-LONGDESC] Section 3. The longdesc Attribute

V0001: No user interface provided

The specification states:

```
3.0.3 User Agents
...
If the longdesc value is valid, User agents must make the link available to all users
through the regular user interface(s).
```

#### ***All document modes (All versions)***

There is no user interface provided to access the longdesc URL.

### 2.2 Clarifications

There are no clarifications of the MAY and SHOULD requirements of [\[W3C-LONGDESC\]](#).

### 2.3 Error Handling

There are no additional error handling considerations.

### 2.4 Security

There are no additional security considerations.

### **3 Change Tracking**

No table of changes is available. The document is either new or has had no changes since its last release.



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