

# Asciidoctor Changelog

[Asciidoctor](#) is a *fast*, open source text processor and publishing toolchain for converting [AsciiDoc](#) content into HTML5, DocBook 5 (or 4.5) and other formats.

This document provides a high-level view of the changes introduced in Asciidoctor by release. For a detailed view of what has changed, refer to the [commit history](#) on GitHub.

# Unreleased

## Enhancements

- allow position (float) and alignment (align) to be set on video block (#2425)
- substitute attribute references in attrlist of include directive (#2761)

## Fixes

- don't crash when using AsciiDoc table cell style on column in CSV table (#2817)
- treat empty/missing value of named block attribute followed by other attributes (e.g., caption=,cols=2\*) as empty string
- AbstractNode#set\_option does nothing if option is already set (PR #2778)
- allow revnumber to be an attribute reference in revision info line (#2785)
- use ::File.open instead of ::IO.binread in Reader for Asciidoctor.js compatibility
- add fallback for timezone when setting doctime
- fix formatting of quote block (indentation) in manpage output (#2792)
- catalog inline anchors in ordered list items (#2812)

## Improvements

- use CSS class instead of hard-coded inline float style on tables and images (#2753)
- use CSS class instead of hard-coded inline text-align style on block images (#2753)
- allow hyphen to be used custom block macro name as long as it's not the first character (#2620)
- use shorthands %F and %T instead of %Y-%m-%d and %H:%M:%S to format time
- read file in binary mode whenever contents are being normalized
- use .drop(0) to duplicate arrays (roughly 1.5x as fast as .dup)

## Build / Infrastructure

- replace thread\_safe with concurrent-ruby (PR #2822) (@junaruga)

## 1.5.7.1 (2018-05-10) - @mojavelinux

### Fixes

- fix regression where block attributes were being inherited by sibling blocks in a complex list item (#2771)

- don't apply lead styling to first paragraph in nested document (AsciiDoc table cell) if role is present (#2624)

## Build / Infrastructure

- drop obsolete logic in rake build (@aerostitch)
- allow lib dir to be overridden for tests using an environment variable (PR #2758) (@aerostitch)
- load asciidoctor/version from LOAD\_PATH in gemspec if not found locally (PR #2760) (@aerostitch)

# 1.5.7 (2018-05-02) - @mojavelinux

## Enhancements

- BREAKING: drop XML tags, character refs, and non-word characters (except hyphen, dot, and space) when auto-generating section IDs (#794)
  - hyphen, dot, and space are replaced with value of idseparator, if set; otherwise, spaces are dropped
- allow attribute names to contain any word character defined by Unicode (#2376, PR #2393)
- do not recognize attribute entry line if name contains a colon (PR #2377)
- route all processor messages through a logger instead of using Kernel#warn (#44, PR #2660)
- add MemoryLogger for capturing messages sent to logger into memory (#44, PR #2660)
- add NullLogger to prevent messages from being logged (#44, PR #2660)
- log message containing source location / cursor as an object; provides more context (#44, PR #2660)
- pass cursor for include file to :include\_location key in message context (PR #2729)
- add :logger option to API to set logger instance (#44, PR #2660)
- add --failure-level=LEVEL option to CLI to force non-zero exit code if specified logging level is reached (#2003, PR #2674)
- parse text of xref macro as attributes if attribute signature found (equal sign) (#2381)
- allow xrefstyle to be specified per xref by assigning the xrefstyle attribute on the xref macro (#2365)
- recognize target with .adoc extension in xref macro as an interdocument xref
- resolve nested includes in remote documents relative to URI (#2506, PR #2511)
- allow relfilesuffix attribute to control file extension used for interdoc xrefs (#1273)
- support !name@ (preferred), !name=@, name!@, and name!=@ syntax to soft unset attribute from API or CLI (#642, PR #2649)
- allow modifier to be placed at end of name to soft set an attribute (e.g., icons@=font) (#642, PR #2649)
- interpret false attribute value defined using API as a soft unset (#642, PR #2649)

- number parts if `partnums` attribute is set (#2298)
- allow footnote macro to define or reference footnote reference (footnoteref macro now deprecated) (#2347, PR #2362)
- allow custom converter to be used with custom templates; converter must declare that it supports templates (#2619)
- allow manpage path for manpage help topic to be specified using `ASCIIDOCTOR_MANPAGE_PATH` environment variable (PR #2653) (@aerostitch)
- if manpage cannot be found in default path inside gem, use `man -w asciidoctor` to resolve installed path (PR #2653)
- uncompress contents of manpage for manpage help topic if path ends with `.gz` (PR #2653) (@aerostitch)
- define source and manual refmiscinfo entries in manpage output if manual and source attributes are defined (PR #2636) (@tiwai)
- add syntax for adding hard line breaks in block AsciiMath equations (#2497, PR #2579) (@dimztimz)
- add positioning option to sectanchors attribute (sectanchors=before or sectanchors=after) (#2485, PR #2486)
- allow table striping to be configured using stripes attribute (even, odd, all, or none) or stripes roles on table (#1365, PR #2588)
- recognize `ends` as an alias to `topbot` for configuring the table frame
- add `rel=nofollow` property to links (text or image) when `nofollow` option is set (#2605, PR #2692)
- populate `Document#source_location` when `sourcemap` option is enabled (#2478, PR #2488)
- populate `source_location` property on list items when `sourcemap` option is set on document (PR #2069) (@mogztter)
- populate `Table::Cell#source_location` when `sourcemap` option is enabled (#2705)
- allow local include to be flagged as optional by setting `optional` option (#2389, PR #2413)
- allow block title to begin with a period (#2358, PR #2359)
- catalog inline anchor at start of list items in ordered and unordered lists, description list terms, and table cells (#2257)
- register document in catalog if `id` is set; assign `reftext` to document attributes if specified in a block attribute line (#2301, PR #2428)
- allow automatic width to be applied to individual columns in a table using the special value `~` (#1844)
- use the `quote` element in DocBook converter to represent smart quotes (#2272, PR #2356) (@bk2204)
- parse and pass all manpage names to output document master (i.e., shadow man pages) (#1811, #2543, PR #2414)
- parse credit line of shorthand quote block as block attributes; apply normal subs to credit

line in shorthand quote blocks (#1667, PR #2452)

- populate copyright element in DocBook output from value of copyright attribute (#2728)
- preserve directories if source dir and destination dir are set (#1394, PR #2421)
- allow linkcss to be unset from API or CLI when safe mode is secure
- convert quote to epigraph element in DocBook output if block has epigraph role (#1195, PR #2664) (@bk2204)
- number special sections in addition to regular sections when sectnums=all (#661, PR #2463)
- upgrade to Font Awesome 4.7.0 (#2569)
- upgrade to MathJax 4.7.4

## Bug fixes

- set `:to_dir` option value correctly when output file is specified (#2382)
- preserve leading indentation in contents of AsciiDoc table cell if contents starts with a newline (#2712)
- the shorthand syntax on the style to set block attributes (id, roles, options) no longer resets block style (#2174)
- match include tags anywhere on line as long as offset by word boundary on left and space or newline on right (#2369, PR #2683)
- warn if an include tag specified in the include directive is unclosed in the included file (#2361, PR #2696)
- use correct parse mode when parsing blocks attached to list item (#1926)
- fix typo in gemspec that removed README and CONTRIBUTING files from the generated gem (PR #2650) (@aerostitch)
- preserve id, role, title, and reftext on open block when converting to DocBook; wrap in `<para>` or `<formalpara>` (#2276)
- don't turn bare URI scheme (no host) into a link (#2609, PR #2611)
- don't convert inter-document xref to internal anchor unless entire target file is included into current file (#2200)
- fix em dash replacement in manpage converter (#2604, PR #2607)
- don't output e-mail address twice when replacing bare e-mail address in manpage output (#2654, PR #2665)
- use alternate macro for monospaced text in manpage output to not conflict w/ AsciiDoc macros (#2751)
- enforce that absolute start path passed to PathResolver#system\_path is inside of jail path (#2642, PR #2644)
- fix behavior of PathResolver#descends\_from? when base path equals / (#2642, PR #2644)
- automatically recover if start path passed to PathResolver#system\_path is outside of jail path (#2642, PR #2644)
- re-enable left justification after invoking tmac URL macro (#2400, PR #2409)

- don't report warning about same level 0 section multiple times (#2572)
- record timings when calling convert and write on Document (#2574, PR #2575)
- duplicate header attributes when restoring; allows header attributes to be restored an arbitrary number of times (#2567, PR #2570)
- propagate `:catalog_assets` option to nested document (#2564, PR #2565)
- preserve newlines in quoted CSV data (#2041)
- allow opening quote around quoted CSV field to be on a line by itself
- output table footer after body rows (#2556, PR #2566) (@PauloFrancaLacerda)
- move `@page` outside of `@media` print in default stylesheet (#2531, PR #2532)
- don't throw exception if text of dd node is nil (#2529, PR #2530)
- don't double escape ampersand in manpage output (#2525) (@dimztimz)
- fix crash when `author_1` attribute is assigned directly (#2481, PR #2487)
- fix CSS for highlighted source block inside colist (#2474, PR #2490)
- don't append file extension to data uri of admonition icon (#2465, PR #2466)
- fix race condition in `Helpers.mkdir_p` (#2457, PR #2458)
- correctly process nested passthrough inside unconstrained monospaced (#2442, PR #2443)
- add test to ensure ampersand in author line is not double escaped (#2439, PR #2440)
- prevent footnote ID from clashing with auto-generated footnote IDs (#2019)
- fix alignment of icons in footnote (#2415, PR #2416)
- add graceful fallback if `pygments.rb` fails to return a value (#2341, PR #2342)
- escape specialchars in source if `pygments` fails to highlight (#2341)
- do not recognize attribute entry line if name contains colon (PR #2377)
- allow flow indexterm to be enclosed in round brackets (#2363, PR #2364)
- set `outfilesuffix` to match file extension of output file (#2258, PR #2367)
- add block title to dlist in manpage output (#1611, PR #2434)
- scale text to 80% in print styles (#1484, PR #2576)
- fix alignment of abstract title when using default stylesheet (PR #2732)
- only set nowrap style on table caption for auto-width table (#2392)
- output non-breaking space for man manual if absent in DocBook output (PR #2636)
- don't crash if stem type is not recognized (instead, fallback to `asciimath`)

## Improvements / Refactoring

- BREAKING: rename table spread role to stretch (#2589, PR #2591)
- use cursor marks to track lines more accurately; record cursor at the start of each block, list item, or table cell (PR #2701, PR #2547) (@seikichi)
- log a warning message if an unterminated delimited block is detected (#1133, PR #2612)

- log a warning when nested section is found inside special section that doesn't support nested sections (#2433, PR #2672)
- read files in binary mode to disable automatic endline coercion (then explicitly coerce to UTF-8) (PR #2583, PR #2694)
- resolve / expand parent references in start path passed to PathResolver#system\_path (#2642, PR #2644)
- update PathResolver#expand\_path to resolve parent references (#2642, PR #2644)
- allow start path passed to PathResolver#system\_path to be outside jail if target brings resolved path back inside jail (#2642, PR #2644)
- don't run File.expand\_path on Dir.pwd (assume Dir.pwd is absolute) (#2642, PR #2644)
- posixify working\_dir passed to PathResolver constructor if absolute (#2642, PR #2644)
- optimize detection for footnote\* and indexterm\* macros (#2347, PR #2362)
- log a warning if a footnote reference cannot be resolved (#2669)
- set logger level to DEBUG when verbose is enabled
- coerce value of :template\_dirs option to an Array (PR #2621)
- make block roles specified using shorthand syntax additive (#2174)
- allow paragraph to masquerade as open block (PR #2412)
- move callouts into document catalog (PR #2394)
- document ID defined in block attribute line takes precedence over ID defined inside document title line
- don't look for link and window attributes on document when resolving these attributes for an image
- when linkattrs is set, only parse attributes in link macro if equals is present
- skip line comments in name section of manpage (#2584, PR #2585)
- always activate extension registry passed to processor (PR #2379)
- skip extension registry activation if no groups are registered (PR #2373)
- don't apply lead styling to first paragraph if role is present (#2624, PR #2625)
- raise clearer exception when extension class cannot be resolved (#2622, PR #2623)
- add methods to read results from timings (#2578, PR #2580)
- collapse bottom margin of last block in AsciiDoc table cell (#2568, PR #2593)
- set authorcount to 0 if there are no authors (#2519, PR #2520)
- validate fragment of interdoc xref that resolves to current doc (#2448, PR #2449)
- put id attribute on tag around phrase instead of preceding anchor (#2445, PR #2446)
- add .plist extension to XML circumfix comment family (#2430, PR #2431) (@akosma)
- alias Document#title method to no args Document#doctitle method (#2429, PR #2432)
- upgrade missing or unreadable include file to an error (#2424, PR #2426)

- add compliance setting to disable natural cross references (#2405, PR #2460)
- make hash in inter-document xref target optional if target has extension (#2404, PR #2406)
- add CSS class to part that matches role (#2401, PR #2402)
- add fit-content class to auto-width table (#2392)
- automatically assign parent reference when adding node to parent (#2398, PR #2403)
- leave inline anchor in section title as is if section has ID (#2243, PR #2427)
- align and improve error message about invalid use of partintro between HTML5 and DocBook converters
- rephrase warning when level 0 sections are found and the doctype is not book
- report correct line number when duplicate bibliography anchor is found
- only warn if thread\_safe gem is missing when using built-in template cache
- rename enumerate\_section to assign\_numeral; update API docs
- drop deprecated compact option from CLI; remove from manpage
- use more robust mechanism for lazy loading the asciimath gem
- use consistent phrase to indicate the processor is automatically recovering from a problem
- change Reader#skip\_comment\_lines to not return skipped lines
- add styles to default stylesheet for display on Kindle (kf8) devices (PR #2475)
- purge render method from test suite (except to verify alias)

## Documentation

- translate 'section-refsig' for German language (PR #2633) (@ahus1)
- synchronize French README with English version (PR #2637) (@flashcode)

## Build / Infrastructure

- create an official logo for the project (#48) (@mmajko)
- update Ruby versions in appveyor build matrix (PR #2388) (@miltador)
- add mailinglist, changelog, source, and issues URI to gem spec
- allow blocks and substitutions tests to be run directly
- asciidoctor formula now available for Homebrew (@zmwangx)

## Distribution Packages

- [RubyGem \(asciidoctor\)](#)
- [Fedora \(asciidoctor\)](#)
- [Debian \(asciidoctor\)](#)
- [Ubuntu \(asciidoctor\)](#)
- [Alpine Linux \(asciidoctor\)](#)
- [OpenSUSE \(rubygem-asciidoctor\)](#)



## 1.5.6.2 (2018-03-20) - @mojavelinux

### Bug fixes

- fix match for multiple xref macros w/ implicit text in same line (#2450)
- PathResolver#root? returns true for absolute URL in browser env (#2595)

### Improvements / Refactoring

- resolve include target correctly in browser (xmlhttprequest IO module) (#2599, #2602)
- extract method to resolve include path (allowing AsciiDoctor.js to override) (#2610)
- don't expand docdir value passed to API (#2518)
- check mandatory attributes when creating an image block (#2349, PR #2355) (@mogztter)
- drop is\_ prefix from boolean methods in PathResolver (PR #2587)
- change Reader#replace\_next\_line to return true
- organize methods in AbstractNode

### Build / Infrastructure

- clean up dependencies
- add Ruby 2.5.0 to CI build matrix (PR #2528)
- update nokogiri to 1.8.0 for ruby >= 2.1 (PR #2380) (@miltador)

### Distribution Packages

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- [Alpine Linux \(asciidoctor\)](#)

[issues resolved](#) | [git tag](#) | [full diff](#)

## 1.5.6.1 (2017-07-23) - @mojavelinux

### Enhancements

- Don't include title of special section in DocBook output if untitled option is set (e.g., dedication%untitled)

### Bug fixes

- continue to read blocks inside a delimited block after content is skipped (PR #2318)
- don't create an empty paragraph for skipped content inside a delimited block (PR #2319)
- allow the subs argument of Substitutors#apply\_subs to be nil
- coerce group name to symbol when registering extension (#2324)

- eagerly substitute attributes in target of inline image macro (#2330)
- don't warn if source stylesheet can't be read but destination already exists (#2323)
- track include path correctly if path is absolute and outside of base directory (#2107)
- preprocess second line of setext section title (PR #2321)
- preprocess second line of setext discrete heading (PR #2332)
- return filename as relative path if filename doesn't share common root with base directory (#2107)

## Improvements / Refactoring

- change default text for inter-document xref (PR #2316)
- add additional tests to test behavior of Reader#peek\_lines
- parse revision info line correctly that only has version and remark; add missing test for scenario
- rename AtxSectionRx constant to AtxSectionTitleRx for consistency with SetextSectionTitleRx constant
- use terms "atx" and "setext" to refer to section title syntax (PR #2334)
- rename HybridLayoutBreakRx constant to ExtLayoutBreakRx
- change terminology from "floating title" to "discrete heading"
- consolidate skip blank lines and check for end of reader (PR #2325)
- have Reader#skip\_blank\_lines report end of file (PR #2325)
- don't mix return type of Parser.build\_block method (PR #2328)
- don't track eof state in reader (PR #2320)
- use shift instead of advance to consume line when return value isn't needed (PR #2322)
- replace terminology "floating title" with "discrete heading"
- remove unnecessary nil\_or\_empty? checks in substitutor
- leverage built-in assert / refute methods in test suite

## Build / Infrastructure

- config Travis CI job to release gem (PR #2333)
- add SHA1 hash to message used for triggered builds
- trigger build of AsciidoctorJ on every change to core
- trigger build of Asciidoctor Diagram on every change to core

## Distribution Packages

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[issues resolved](#) | [git tag](#) | [full diff](#)

## 1.5.6 (2017-07-12) - @mojomlinux

### Enhancements

- use custom cross reference text if xrefstyle attribute is set (full, short, basic) (#858, #1132)
- store referenceable nodes under refs key in document catalog (PR #2220)
- apply reftext substitutions (specialchars, quotes, replacements) to value returned by reftext method (PR #2220)
- add xref text method to AbstractBlock, Section, and Inline to produce formatted text for xref (PR #2220)
- introduce attributes chapter-refsig, section-refsig, and appendix-refsig to set reference signifier for chapter, section, and appendix, respectively (PR #2220)
- add rel="noopener" to links that target \_blank or when noopener option is set (#2071)
- add option to exclude tags when including a file (#1516)
- add meta for shortcut icon if favicon attribute is set (#1574)
- allow use of linenums option to enable line numbers on a source block (#1981)
- allow extension groups to be unregistered individually (#1701)
- catalog bibliography anchors and capture reftext (#560, #1562)
- automatically add bibliography style to unordered list in bibliography section (#1924)
- disable startinline option when highlighting PHP if mixed option is set on source block (PR #2015) (@ricpelo)
- configure Slim to resolve includes in specified template dirs (#2214)
- dump manpage when -h manpage flag is passed to CLI (#2302)
- add resolves\_attributes method to DSL for macros (#2122)
- invoke convert on result of custom inline macro if value is an inline node (#2132)
- resolve attributes for custom short inline macros if requested (#1797)
- add convenience method to create section from extension; use same initialization logic as parser (#1957)
- add handles? method to DSL for IncludeProcessor (#2119)
- pass through preload attribute to video tag (#2046)
- add start and end times for audio element (#1930)
- set localyear and docyear attributes (#1372)
- pass cloaked context to block extension via cloaked-context attribute (#1606)

- add support for covers in DocBook 5 converter (#1939)
- accept named pipe (fifo) as the input file (#1948)
- add AbstractBlock#next\_adjacent\_block helper method
- rename Document#references to catalog; alias references to catalog (PR #2237)
- rename extensions\_registry option to extension\_registry
- rename Extensions.build\_registry method to create
- autoload extensions source file when Asciidoctor::Extensions is referenced (PR #2114, PR #2312)
- apply default\_attrs to custom inline macro (PR #2127)
- allow tab separator for table to be specified using \t (#2073)
- add Cell#text= method

## Improvements

- significant improvements to performance, especially in parser and substitutors
- process include directive inside text of short form preprocessor conditional (#2146)
- add support for include tags in languages that only support only circumfix comments (#1729)
- allow spaces in target of block image; target must start and end with non-space (#1943)
- add warning in verbose mode if xref is not found (#2268) (@fapdash)
- add warning if duplicate ID is detected (#2244)
- validate that output file will not overwrite input file (#1956)
- include docfile in warning when stylesheet cannot be read (#2089)
- warn if doctype=inline is used and block has unexpected content model (#1890)
- set built-in docfilesuffix attribute (#1673)
- make sourcemap field on Document read/write (#1916)
- allow target of xref to begin with attribute reference (#2007)
- allow target of xref to be expressed with leading # (#1546)
- allow kbd and btn macros to wrap across multiple lines (#2249)
- allow menu macro to span multiple lines; unescape escaped closing bracket
- make menu macro less greedy
- allow ampersand to be used as the first character of the first segment of a menu (#2171)
- enclose menu caret in HTML tag (#2165)
- use black text for menu reference; tighten word spacing (#2148)
- fix parsing of keys in kbd macro (PR #2222)
- add support for the window option for the link on a block image (#2172)
- set correct level for special sections in parser (#1261)
- always set numbered property on appendix to true

- store number for formal block on node (#2208)
- set sectname of header section to header (#1996)
- add the remove\_attr method to AbstractNode (#2227)
- use empty string as default value for set\_attr method (#1967)
- make start argument to system\_path optional (#1965)
- allow API to control subs applied to ListItem text (#2035)
- allow text of ListItem to be assigned (in an extension) (#2033)
- make generate\_id method on section a static method (#1929)
- validate name of custom inline macro; cache inline macro rx (#2136)
- align number in conum list to top by default (#1999)
- fix CSS positioning of interactive checkbox (#1840)
- fix indentation of list items when markers are disabled (none, no-bullet, unnumbered, unstyled) (PR #2286)
- instruct icon to inherit cursor if inside a link
- close all files opened internally (#1897)
- be more precise about splitting kbd characters (#1660)
- rename limit method on String to limit\_bytesize (#1889)
- leverage Ruby's match? method to speed up non-capturing regexps (PR #1938)
- preserve inline break in manpages (@letheed)
- check for presence of SOURCE\_DATE\_EPOCH instead of value; fail if value is malformed
- add Rows#by\_section method to return table sections (#2219)
- cache which template engines have been loaded to avoid unnecessary processing
- rename assign\_index method to enumerate\_section (PR #2242)
- don't process double quotes in xref macro (PR #2241)
- optimize attr and attr? methods (PR #2232)
- use IO.write instead of File.open w/ block; backport for Opal
- backport IO.binread to Ruby 1.8.7 to avoid runtime check
- cache backend and doctype values on document
- allow normalize option to be set on PreprocessorReader; change default to false
- move regular expression constants for Opal to Asciidoctor.js build (PR #2070)
- add missing comma in warning message for callout list item out of sequence
- combine start\_with? / end\_with? checks into a single method call
- rename UriTerminator constant to UriTerminatorRx
- promote subs to top-level constants; freeze arrays
- rename PASS\_SUBS constant to NONE\_SUBS

- rename EOL constant to LF (retain EOL as alias)
- rename macro regexp constants so name follows type (e.g., InlineImageMacroRx)

## Compliance

- retain block content in items of callout list when converting to HTML and man page (#1478)
- only substitute specialchars for content in literal table cells (#1912)
- fix operator logic for ifndef directive with multiple attributes (#1983)
- only recognize uniform underline for setext section title (#2083)
- don't match headings with mixed leading characters (#2074)
- fix layout break from matching lines it shouldn't
- fix behavior of attribute substitution in docinfo content (PR #2296)
- encode spaces in URI (PR #2274)
- treat empty string as a valid block title
- preprocess lines of a simple block (#1923)
- don't drop trailing blank lines when splitting source into lines (PR #2045)
- only drop known AsciiDoc extensions from the inter-document xref path (#2217)
- don't number special sections or special subsections by default (#2234)
- assign sectname based on name of manuscript element (#2206)
- honor leveloffset when resolving implicit doctitle (#2140)
- permit leading, trailing, and repeat operators in target of preprocessor conditional (PR #2279)
- don't match link macro in block form (i.e., has two colons after prefix) (#2202)
- do not match bibliography anchor that begins with digit (#2247)
- use [ \t] (or \s) instead of \p to match spaces (#2204)
- allow named entity to have trailing digits (e.g., there4) (#2144)
- only assign style to image alt text if alt text is not specified
- substitute replacements in non-generated alt text of block image (PR #2285)
- keep track of whether alt text is auto-generated by assigning default-alt attribute (PR #2287)
- suppress info element in docbook output if noheader attribute is set (#2155)
- preserve leading indentation in literal and verse table cells (#2037)
- preserve whitespace in literal and verse table cells (#2029)
- set doctype-related attributes in AsciiDoc table cell (#2159)
- fix comparison logic when preprocessing first line of AsciiDoc table cell
- set filetype to man when backend is manpage (#2055)
- respect image scaling in DocBook converter (#1059)
- share counters between AsciiDoc table cells and main document (#1942)

- generate ID for floating title from converted title (#2016)
- split "treeprocessor" into two words; add aliases for compatibility (PR #2179)
- allow trailing hyphen in attribute name used in attribute reference
- allow escaped closing bracket in text of xref macro
- process pass inline macro with empty text; invert extract logic
- drop support for reftext document attribute (must be specified on node)
- fix compliance with Haml >= 5 (load Haml eagerly; remove ugly option)
- don't match inline image macro if target contains newline or leading or trailing spaces
- assign id instead of target on ref/bibref node (PR #2307)
- remove regexp hacks for Opal (#2110)
- drop outdated quoting exceptions for Opal (PR #2081)

### Bug fixes

- don't allow table borders to cascade to nested tables (#2151)
- escape special characters in reftext of anchor (#1694)
- sanitize content of authors meta tag in HTML output (#2112)
- use correct line number in warning for invalid callout item reference (#2275)
- fix stray marks added when unescaping unconstrained passthroughs (PR #2079)
- don't confuse escaped quotes in CSV data as enclosing quotes (#2008)
- don't activate implicit header if cell in first line of table contains a blank line (#1284, #644)
- allow compat-mode in AsciiDoc table cell to inherit from parent document (#2153)
- manifest all normal table cell content (head, body, foot) in manpage output
- add missing newline after table caption in manpage output (#2253)
- correctly format block title on video in manpage output
- don't crash if substitution list resolves to nil (#2183)
- fail with informative message if converter cannot be resolved (#2161)
- fix regression of not matching short form of custom block macro
- encode double quotes in image alt text when used in an attribute (#2061)
- encode double quote and strip XML tags in value of xreflabel attribute in DocBook converter (PR #2220)
- fix typo in base64 data (PR #2094) (@mogztter)
- permit pass macro to surround a multi-line attribute value with hard line breaks (#2211)
- fix sequential inline anchor macros with empty reftext (#1689)
- don't mangle compound names when document has multiple authors (#663)
- don't drop last line of verbatim block if it contains only a callout number (#2043)
- prevent leading & trailing round brackets from getting caught in indexterm (#1581)

- remove cached title when title is set on block (#2022)
- remove max-width on the callout number icon (#1895)
- eagerly add hljs class for highlight.js (#2221)
- fix SOURCE\_DATE\_EPOCH lookup in Opal
- fix paths with file URI scheme are inevitably absolute (PR #1925) (@mogztter)
- only resolve file URLs when JavaScript IO module is xmlhttprequest (PR #1898) (@mogztter)
- fix formatting of video title in manpage converter
- don't increment line number if peek\_lines overruns buffer (fixes some cases when line number is off)
- freeze extension processor instance, not class
- fix numbering bug in reindex\_sections
- handle cases when there are no lines for include directive to select

## Documentation

- enable admonition icons in README when displayed on GitHub
- add German translation of chapter-label (PR #1920) (@fapdash)
- add Ukrainian translation of built-in attributes (PR #1955) (@hedrok)
- add Norwegian Nynorsk translation; updated Norwegian Bokmål translation of built-in attributes (PR #2142) (@huftis)
- add Polish translation of built-in attributes (PR #2131) (@ldziedziul)
- add Romanian translation of built-in attributes (PR #2125) (@vitaliel)
- fix Japanese translation of built-in attributes (PR #2116) (@haradats)
- add Bahasa Indonesia translation of built-in labels (@triyanwn)

## Build / Infrastructure

- upgrade highlight.js to 9.12.0 (#1652)
- include entire test suite in gem (PR #1952) (@voxik)
- upgrade Slim development dependency to 3.0.x (PR #1953) (@voxik)
- upgrade Haml development dependency to 5.0.x
- upgrade Nokogiri to 1.6.x (except on Ruby 1.8) (PR #1213)
- add Ruby 2.4 to CI test matrix (PR #1980)
- upgrade cucumber and JRuby in CI build (PR #2005)
- fix reference to documentation in attributes.adoc (PR #1901) (@stonio)
- trap and verify all warnings when tests are run with warnings enabled
- set default task in build to test:all
- configure run-tests.sh script to run all tests
- configure feature tests to only show progress



- configure Slim in feature tests to use html as format instead of deprecated html5
- lock version of yard to fix invalid byte sequence in Ruby 1.9.3
- modify rake build to trigger dependent builds (specifically, Asciidoctor.js) (PR #2305) (@mogztter)

### Distribution Packages

- [RubyGem \(asciidoctor\)](#)
- [Fedora \(rubygem-asciidoctor\)](#)
- [Debian \(asciidoctor\)](#)
- [Ubuntu \(asciidoctor\)](#)
- [Alpine Linux \(asciidoctor\)](#)

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## 1.5.5 (2016-10-05) - @mojavelinux

### Enhancements

- Add preference to limit the maximum size of an attribute value (#1861)
- Honor SOURCE\_DATE\_EPOCH environment variable to accomodate reproducible builds (#1721) (@JojoBoulix)
- Add reversed attribute to ordered list if reversed option is enabled (#1830)
- Add support for additional docinfo locations (e.g., :header)
- Configure default stylesheet to break monospace word if exceeds length of line; add roles to prevent breaks (#1814)
- Introduce translation file for built-in labels (@ciampix)
- Provide translations for built-in labels (@JmyL - kr, @ciampix - it, @ivannov - bg, @maxandersen - da, @radcortez - pt, @eddumelendez - es, @leathersole - jp, @aslakknutsen - no, @shahryareiv - fa, @AlexanderZobkov - ru, @dongwq - zh, @rmpestano - pt\_BR, @ncomet - fr, @lgvz - fi, @patoi - hu, @BojanStipic - sr, @fwilhe - de, @rahmanusta - tr, @abelsromero - ca, @aboullaite - ar, @roelvs - nl)
- Translate README to Chinese (@diguage)
- Translate README to Japanese (@Mizuho32)

### Improvements

- Style nested emphasized phrases properly when using default stylesheet (#1691)
- Honor explicit table width even when autowidth option is set (#1843)
- Only explicit noheader option on table should disable implicit table header (#1849)
- Support docbook orient="land" attribute on tables (#1815)
- Add alias named list to retrieve parent List of ListItem
- Update push\_include method to support chaining (#1836)

- Enable font smoothing on Firefox on OSX (#1837)
- Support combined use of sectanchors and sectlinks in HTML5 output (#1806)
- fix API docs for find\_by
- Upgrade to Font Awesome 4.6.3 (#1723) (@allenand, @mogztter)
- README: add install instructions for Alpine Linux
- README: Switch yum commands to dnf in README
- README: Mention Mint as a Debian distro that packages Asciidoctor
- README: Add caution advising against using gem update to update a system-managed gem (@oddhack)
- README: sync French version with English version (@flashcode)
- Add missing newline after title element when converting open block to HTML
- Move list\_marker\_keyword method from AbstractNode to AbstractBlock
- Rename definition list to description list internally

## Compliance

- Support 6-digit decimal char refs, 5-digit hexadecimal char refs (#1824)
- Compatibility fixes for Opal
- Check for number using Integer instead of Fixnum class for compatibility with Ruby 2.4

## Bug fixes

- Use method\_defined? instead of respond\_to? to check if method is already defined when patching (#1838)
- Fix invalid conditional in HTML5 converter when handling of SVG
- Processor#parse\_content helper no longer shares attribute list between blocks (#1651)
- Fix infinite loop if unordered list marker is immediately followed by a dot (#1679)
- Don't break SVG source when cleaning if svg start tag name is immediately followed by newline (#1676)
- Prevent template converter from crashing if .rb file found in template directory (#1827)
- Fix crash when generating section ID when both idprefix & idseparator are blank (#1821)
- Use stronger CSS rule for general text color in Pygments stylesheet (#1802)
- Don't duplicate forward slash for path relative to root (#1822)

## Infrastructure

- Build gem properly in the absence of a git workspace, make compatible with JRuby (#1779)
- Run tests in CI using latest versions of Ruby, including Ruby 2.3 (@ferdinandrosario)

## Distribution Packages

- [RubyGem \(asciidoctor\)](#)
- [Fedora \(rubygem-asciidoctor\)](#)

- [Debian \(asciidoctor\)](#)
- [Ubuntu \(asciidoctor\)](#)
- [Alpine Linux \(asciidoctor\)](#)

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## 1.5.4 (2016-01-03) - @mojomlinux

### Enhancements

- translate README into French (#1630) (@**anthony**, @mogztter, @gscheibel, @mgreau)
- allow linkstyle in manpage output to be configured (#1610)

### Improvements

- upgrade to MathJax 2.6.0 and disable loading messages
- upgrade to Font Awesome 4.5.0
- disable toc if document has no sections (#1633)
- convert inline asciimath to MathML (using asciimath gem) in DocBook converter (#1622)
- add attribute to control build reproducibility (#1453) (@**bk2204**)
- recognize file:/// as a file root in Opal browser env (#1561)
- honor icon attribute on admonition block when font-based icons are enabled (#1593) (@**robertpanzer**)
- resolve custom icon relative to iconsdir; add file extension if absent (#1634)
- allow asciidoctor cli to resolve library path when invoked without leading ./

### Compliance

- allow special section to be nested at any depth (#1591)
- ensure colpcwidth values add up to 100%; increase precision of values to 4 decimal places (#1647)
- ignore blank cols attribute on table (#1647)
- support shorthand syntax for block attributes on document title (#1650)

### Bug fixes

- don't include default toc in AsciiDoc table cell; don't pass toc location attributes to nested document (#1582)
- guard against nil dlist list item in find\_by (#1618)
- don't swallow trailing line when include file is not readable (#1602)
- change xlink namespace to xl in DocBook 5 output to prevent parse error (#1597)
- make callouts globally unique within document, including AsciiDoc table cells (#1626)
- initialize Slim-related attributes regardless of when Slim was loaded (#1576) (@**terceiro**)
- differentiate literal backslash from escape sequence in manpage output (#1604) (@**ds26gte**)

- don't mistake line beginning with \. for troff macro in manpage output (#1589) (@ds26gte)
- escape leading dots so user content doesn't trigger troff macros in manpage output (#1631) (@ds26gte)
- use \c after .URL macro to remove extraneous space in manpage output (#1590) (@ds26gte)
- fix missing endlene after .URL macro in manpage output (#1613)
- properly handle spacing around .URL/.MTO macro in manpage output (#1641) (@ds26gte)
- don't swallow doctitle attribute followed by block title (#1587)
- change strategy for splitting names of author; fixes bug in Opal/Asciidoctor.js
- don't fail if library is loaded more than once

### Infrastructure

- remove trailing endlines in project source code
- update contributing guidelines
- explicitly test ifeval scenario raised in issue #1585
- remove backreference substitution hack for Opal/Asciidoctor.js
- fix assignment of default Hash value for Opal/Asciidoctor.js
- add JRuby 9.0.4.0 and Ruby 2.3.0 to the Travis CI build matrix

### Distribution Packages

- [RubyGem \(asciidoctor\)](#)
- [Fedora \(rubygem-asciidoctor\)](#)
- [Debian \(asciidoctor\)](#)
- [Ubuntu \(asciidoctor\)](#)

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## 1.5.3 (2015-10-31) - @mojavelinux

### Enhancements

- add support for interactive & inline SVGs (#1301, #1224)
- add built-in manpage backend (#651) (@davidgamba)
- create Mallard backend; asciidoctor/asciidoctor-mallard (#425) (@bk2204)
- add AsciiMath to MathML converter to support AsciiMath in DocBook converter (#954) (@pepijnve)
- allow text of selected lines to be highlighted in source block by Pygments or CodeRay (#1429)
- use value of docinfo attribute to control docinfo behavior (#1510)
- add docinfosubs attribute to control which substitutions are performed on docinfo files (#405) (@mogztter)
- drop ability to specify multiple attributes with a single -a flag when using the CLI (#405)

(@mogztter)

- make subtitle separator chars for document title configurable (#1350) (@rmannibucau)
- make XrefInlineRx regexp more permissive (Mathieu Boespflug) (#844)

## Improvements

- load JavaScript and CSS at bottom of HTML document (#1238) (@mogztter)
- list available backends in help text (#1271) (@plaindocs)
- properly expand tabs in literal text (#1170, #841)
- add `source-indent` as document attribute (#1169) (@mogztter)
- upgrade MathJax to 2.5.3 (#1329)
- upgrade Font Awesome to 4.4.0 (#1465) (@mogztter)
- upgrade highlight.js to 8.6 (now 8.9.1) (#1390)
- don't abort if syntax highlighter isn't available (#1253)
- insert docinfo footer below footer div (#1503)
- insert toc at default location in embeddable HTML (#1443)
- replace `_` and `-` in generated alt text for inline images
- restore attributes to header attributes after parse (#1255)
- allow docdate and doctime to be overridden (#1495)
- add CSS class `.center` for center block alignment (#1456)
- recognize U+2022 (bullet) as alternative marker for unordered lists (#1177) (@mogztter)
- allow videos to work for local files by prepending asset-uri-scheme (Chris) (#1320)
- always assign playlist param when loop option is enabled for YouTube video
- parse isolated version in revision line (#790) (@bk2204)
- autoload Tilt when template converter is instantiated (#1313)
- don't overwrite existing id entry in references table (#1256)
- use outfile suffix attribute defined in header when resolving outfile (#1412)
- make AsciiDoc safe mode option on Slim engine match document (#1347)
- honor htmsyntax attribute when backend is html/html5 (#1530)
- tighten spacing of wrapped lines in TOC (#1542)
- tune padding around table cells in horizontal dlist (#1418)
- load Droid Sans Mono 700 in default stylesheet
- set line height of table cells used for syntax highlighting
- set font-family of kbd; refine styling (#1423)
- extract condition into `quote_lines?` method (@mogztter)
- extract inline code into `read_paragraph` method (@mogztter)

- parent of block in ListItem should be ListItem (#1359)
- add helper methods to List and ListItem (#1551)
- add method `AbstractNode#add_role` and `AbstractNode#remove_role` (#1366) (@robertpanzer)
- introduce helper methods for sniffing URIs (#1422)
- add helper to calculate basename without file extension
- document `-I` and `-r` options in the manual page (@bk2204)
- fix `--help` output text for `-I` (@bk2204)
- don't require open-uri-cached if already loaded
- do not attempt to scan pattern of non-existent directory in template converter
- prevent CodeRay from bolding every 10th line number

## Compliance

- use `<sup>` for footnote reference in text instead of `<span>` (#1523)
- fix alignment of wrapped text in footnote (#1524)
- include full stop after footnote number in embeddable HTML
- show manpage title & name section in embeddable HTML (#1179)
- resolve missing attribute in ifeval to empty string (#1387)
- support unbreakable & breakable options on table (rockyallen) (#1140)

## Bug fixes

- don't truncate exception stack in `AsciiDoctor.load` (#1248)
- don't fail to save cause of Java exception (#1458) (@robertpanzer)
- fix precision error in timings report (#1342)
- resolve regexp for inline macro lazily (#1336)
- block argument to `find_by` should filter results (#1393)
- strip comment lines in indented text of dlist item (#1537)
- preserve escaped delimiter at end of line in a table (#1306)
- correctly calculate colnames for implicit columns (#1556)
- don't crash if colspan exceeds colspec (#1460)
- account for empty records in colspec (#1375)
- ignore empty cols attribute on table
- use `.inspect` to print MathJax delimiters (again) (#1198)
- use while loop instead of begin/while loop to address bug in AsciiDoctor.js (#1408)
- force encoding of attribute values passed from cli (#1191)
- don't copy css if stylesheet or stylesdir is a URI (#1400)
- fix invalid color value in default CodeRay theme

- built-in writer no longer fails if output is nil (#1544)
- custom template engine options should take precedence
- fallback to require with a non-relative path to support Debian package (@mogztter)
- pass opts to recursive invocations of `PathResolver#system_path`
- fix and test external links in docbook backend
- use format symbol `:html` instead of `:html5` for Slim to fix warnings
- fix documentation for `inline_macro` and `block_macro` (Andrea Bedini)
- fix grammar in warning messages regarding `thread_safe` gem

### Infrastructure

- migrate `opal_ext` from core to `Asciidoctor.js` (#1517)
- add Ruby 2.2 to CI build; only specify minor Ruby versions
- enable containerized builds on Travis CI
- add config to run CI build on AppVeyor
- exclude benchmark folder from gem (#1522)

### Distribution Packages

- [RubyGem \(asciidoctor\)](#)
- [Fedora \(rubygem-asciidoctor\)](#)
- [Debian \(asciidoctor\)](#)
- [Ubuntu \(asciidoctor\)](#)

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## 1.5.2 (2014-11-27) - @mojavelinux

### Enhancements

- add `docinfo` extension (#1162) (@mogztter)
- allow `docinfo` to be in separate directory from content, specified by `docinfodir` attribute (#511) (@mogztter)
- enable TeX equation auto-numbering if `eqnums` attribute is set (#1110) (@jxxcarlson)

### Improvements

- recognize `--` as valid line comment for callout numbers; make line comment configurable (#1068)
- upgrade `highlight.js` to version 8.4 (#1216)
- upgrade `Font Awesome` to version 4.2.0 (#1201) (@clojens)
- define `JAVASCRIPT_PLATFORM` constant to simplify conditional logic in the JavaScript environment (#897)
- provide access to destination directory, outfile and outdir via `Document` object (#1203)

- print encoding information in version report produced by `asciidocctor -v` (#1210)
- add intrinsic attribute named `cpp` with value `C++` (#1208)
- preserve URI targets passed to `stylesheet` and related attributes (#1192)
- allow numeric characters in block attribute name (#1103)
- support custom YouTube playlists (#1105)
- make start number for unique id generation configurable (#1148)
- normalize and force UTF-8 encoding of docinfo content (#831)
- allow subs and default\_subs to be specified in Block constructor (#749)
- enhance error message when reading binary input files (#1158) (@mogztter)
- add `append` method as alias to `<<` method on AbstractBlock (#1085)
- assign value of `preface-title` as title of preface node (#1090)
- fix spacing around checkbox in checklist (#1138)
- automatically load Slim's include plugin when using slim templates (#1151) (@jirutka)
- mixin Slim helpers into execution scope of slim templates (#1143) (@jirutka)
- improve DocBook output for manpage doctype (#1134, #1142) (@bk2204)

## Compliance

- substitute attribute entry value in attributes defined outside of header (#1130)
- allow empty cell to appear at end of table row (#1106)
- only produce one row for table in CSV or DSV format with a single cell (#1180)

## Bug fixes

- add explicit `to_s` call to generate delimiter settings for MathJax config (#1198)
- fix includes that reference absolute Windows paths (#1144)
- apply DSL to extension block in a way compatible with Opal

## Distribution Packages

- [RubyGem \(asciidocctor\)](#)
- [Fedora \(rubygem-asciidocctor\)](#)
- [Debian \(asciidocctor\)](#)
- [Ubuntu \(asciidocctor\)](#)

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# 1.5.1 (2014-09-29) - @mojavelinux

## Bug fixes

- recognize tag directives inside comments within XML files for including tagged regions
- restore passthroughs inside footnotes when more than one footnote appears on the same



line

- -S flag in cli recognizes safe mode name as lowercase string
- do not match # in character reference when looking for marked text
- add namespace to lang attribute in DocBook 5 backend
- restore missing space before conum on last line of listing when highlighting with Pygments
- place conums on correct lines when line numbers are enabled when highlighting with Pygments
- don't expand mailto links in print styles

## Improvements

- implement File.read in Node (JavaScript) environment
- assign sectnumlevels and toclevels values to maxdepth attribute on AsciiDoc processing instructions in DocBook output
- add test for usage of image block macro with data URI
- use badges from shields.io in README

## Distribution Packages

- [RubyGem \(asciidocctor\)](#)
- [Fedora \(rubygem-asciidocctor\)](#)
- [Debian \(asciidocctor\)](#)
- [Ubuntu \(asciidocctor\)](#)

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# 1.5.0 (2014-08-12) - @mojomlinux

## Performance

- 10% increase in speed compared to 0.1.4
- rewrite built-in converters in Ruby instead of ERB

## Enhancements

- ★ introduce new curved quote syntax ("`double quotes`", ``single quotes``) if compat-mode attribute not set (#1046)
- ★ add single curved quote replacement for `` (#715)
- ★ use backtick (`) for monospaced text if compat-mode attribute not set (#714, #718)
- ★ use single and double plus (+, ++) for inline passthrough if compat-mode attribute not set (#714, #718)
- ★ disable single quotes as formatting marks for emphasized text if compat-mode attribute not set (#717)
- ★ enable compat-mode by default if document has atx-style doctitle

- ★ output phrase surrounded by # as marked text (i.e., <mark>) (#225)
- ★ add MathJax integration and corresponding blocks and macros (#492, #760)
- ★ switch to open source fonts (Open Sans, Noto Serif and Droid Sans Mono) in default stylesheet, major refinements to theme (#879)
- ★ embed remote images when data-uri and allow-uri-read attributes are set (#612)
- ★ support leveloffset on include directive and honor relative leveloffset values (#530)
- ★ switch default docbook backend to docbook5 (#554) (@**bk2204**)
- ★ added hide-uri-scheme attribute to hide uri scheme in automatic links (#800)
- ★ allow substitutions to be incrementally added & removed (#522)
- ★ add compatibility with Opal, add shim compat library, use compatibility regexp, require libraries properly (#679, #836, #846) (@**mogztter**)
- ★ output XHTML when backend is xhtml or xhtml5 (#494)
- ★ add shorthand subs and specialchars as an alias for specialcharacters (#579)
- ★ deprecate toc2 attribute in favor of position and placement values on toc attribute (e.g., toc=left) (#706)
- ★ add source map (file and line number) information to blocks (#861)
- ★ write to file by default if input is file (#907)
- ★ add -r and -I flags from ruby command to asciidoctor command for loading additional libraries (#574)
- support backslash (\) as line continuation character in the value of an attribute entry (#1022)
- disable subs on pass block by default (#737)
- add basic support for resolving xref target from reftext (#589)
- add time range anchor to video element (#886)
- match implicit URLs that use the file scheme (#853)
- added sectnumlevels to control depth of section numbering (#549)
- add hardbreaks option to block (#630)
- substitute attribute references in manname
- warn on reference to missing attribute if attribute-missing is "warn"
- only enable toc macro if toc is enabled and toc-placement attribute has the value macro (#706)
- add sectnums attribute as alternative alias to numbered attribute (#684)

## Improvements

- ★ don't select lines that contain a tag directive when including tagged lines, make tag regexp more strict (#1027)
- ★ use https scheme for assets by default
- ★ upgrade to Font Awesome 4.1 (#752) (@**mogztter**)

- ★ improve print styles, add print styles for book doctype (#997, #952) (@leif81)
- ★ add proper grid and frame styles for tables (#569) (@leif81)
- ★ use glyphs for checkboxes when not using font icons (#878)
- ★ prefer source-language attribute over language attribute for defining default source language (#888)
- ★ pass document as first argument to process method on Preprocessor
- don't parse link attributes when linkattrs is set unless text contains equal sign
- detect bare links, mark with bare class; don't repeat URL of bare link in print styles
- allow Treeprocessor#process method to replace tree (#1035)
- add AbstractNode#find\_by method to locate nodes in tree (#862)
- add API for parsing title and subtitle (#1000)
- add use\_fallback option to doctitle, document method
- constrain subscript & superscript markup (#564, #936)
- match cell specs when cell separator is customized (#985)
- use stylesheet to set default table width (#975)
- display nested elements correctly in toc (#967) (@kenfinnigan)
- add support for id attribute on links (#935) (@mogztter)
- add support for title attribute on links (@aslakknutsen)
- add -t flag to cli to control output of timing information (#909) (@mogztter)
- rewrite converter API (#778)
- rewrite extensions to support extension instances for AsciiDoctorJ (#804)
- integrate thread\_safe gem (#638)
- allow inline macro extensions that define a custom regexp to be matched (#792)
- make Reader#push\_include work with default file, path and dir (#743) (@bk2204)
- honor custom outfilesuffix and introduce relfileprefix (#801)
- add author and copyright to meta in HTML5 backend (#838)
- output attribution in front of citetitle for quote and verse blocks
- recognize float style with shorthand syntax outside block (#818)
- honor background color in syntax highlighting themes (#813)
- print runtime environment in version output, support -v as version flag (#785)
- unwrap preamble if standalone (#533)
- drop leading & trailing blank lines in verbatim & raw content (#724)
- remove trailing endlines from source data (#727)
- add flag to cli to suppress warnings (#557)
- emit warning if tag(s) not found in include file (#639)

- use <th> element for vertical table headers instead of header class (#738) (@davidgamba)
- share select references between AsciiDoc-style cell & main document (#729)
- number chapters sequentially, always (#685)
- add vbar attribute, make brvbar resolve properly (#643)
- add implicit user-home attribute that resolves to user's home directory (#629)
- enable sidebar toc for small screens (#628)
- add square brackets around button in HTML output (#631)
- make language hover text work for all languages in listing block
- set background color on toc2 to cover scrolling content (@neher)
- make document parsing a discrete step, make Reader accessible as property on Document
- allow custom converter to set backend info such as outfile suffix and html syntax
- report an informative error message when a converter cannot be resolved (@mogztter)
- add conum class to b element when icons are disabled, make conum CSS selector more specific
- expose Document object to extension point IncludeProcessor (@aslakknutsen)
- style audioblock title, simplify rules for block titles
- alias :name\_attributes to :positional\_attributes in extension DSL
- upgrade to highlight.js 7.4 (and later 8.0) (#756) (@mogztter)

## Compliance

- only include xmlns in docbook45 backend if xmlns attribute is specified (#929)
- add xmlns attribute for xhtml output (@bk2204)
- warn if table without a body is converted to DocBook (#961)
- wrap <para> around admonition inside example block in DocBook 4.5 (#931)
- use <informalfigure> if block image doesn't have a title (#927)
- fix invalid docbook when adding role to formatted text (#956)
- move all compliance flags to Compliance module (#624)
- add compliance setting to control use of shorthand property syntax (#789)
- wrap top-level content inside preamble in DocBook backend when doctype is book (#971)
- escape special chars in image alt text (#972)
- set starting number in ordered list for docbook (#925) (@megathaum)
- match word characters in regular expressions as defined by Unicode (#892)
- put source language class names on child code element of pre element (#921)
- ignore case of attribute in conditional directives (#903)
- allow attribute entry to reset / reseed counter (#870)
- allow doctype to be set in AsciiDoc table cell (#863)

- match URL macro following entity (#819) (@jmbruel)
- handle BOM when normalizing source (#824)
- don't output revhistory if revdate is not set (#802)
- perform normal subs on verse content (#799)
- automatically wrap part intro content in partintro block, emit warning if part is invalid (#768)
- force encoding of docinfo content to UTF-8 (#773)
- add scaling & alignment attributes to block image in DocBook backend (#763)
- add support for \anchor:<id>[<reftext>] macro (#531)
- substitute anchor and xref macros in footnotes (#676)
- remove all string mutation operations for compatibility with Opal (#735)
- honor reftext defined in embedded section title anchor (#697)
- allow spaces in reftext defined in block anchor (#695)
- use reftext of section or block in text of xref link (#693)
- number sections in appendix using appendix number (#683)
- unescape escaped square closing bracket in footnote text (#677)
- support quoted index terms that may contain commas (#597)
- don't assign role attribute if quoted text has no roles (#647)
- disallow quoted values in block and inline anchors
- add % to scaledwidth if no units given
- ignore block attribute with unquoted value None
- preserve entity references with 5 digits

## Bug Fixes

- resolve relative paths relative to base\_dir in unsafe mode (#690)
- properly handle nested passthroughs (#1034)
- don't clobber outfilesuffix attribute if locked (#1024)
- correctly calculate columns if colspan used in first row of table (#924)
- pass theme to Pygments when pygments-css=style (#919)
- fallback to text lexer when using pygments for source highlighting (#987)
- only make special section if style is specified (#917)
- an unresolved footnote ref should not crash processor (#876)
- rescue failure to resolve ::Dir.home (#896)
- recognize Windows UNC path as absolute and preserve it (#806)
- adjust file glob to account for backslash in Windows paths (#805)
- don't match e-mail address inside URL (#866)

- test include directive resolves file with space in name (#798)
- return nil from Reader#push\_include and Reader#pop\_include methods (#745)
- fixed broken passthroughs caused by source highlighting (#720)
- copy custom stylesheet if linkcss is set (#300)
- honor list continuations for indented, nested list items (#664)
- fix syntax errors in converters (@jljouannic)
- fix iconfont-remote setting
- fix syntax error (target → node.target) in Docbook 5 converter (@jf647)
- output and style HTML for toc macro correctly

### Infrastructure

- add Ruby 2.1 to list of supported platforms
- reenable rbx in Travis build
- switch tests to minitest (@ktdreyer)
- update RPM for Fedora Rawhide (@ktdreyer)
- refactor unit tests so they work in RubyMine (@cmoulliard)
- add preliminary benchmark files to repository (#1021)
- clean out old fixtures from test suite (#960)
- add initial Cucumber test infrastructure (#731)
- use gem tasks from Bundler in Rakefile (#654)
- build gemspec files using git ls-tree (#653)
- use in-process web server for URI tests
- update manpage to reflect updates in 1.5.0
- rework README (#651) (@mogztter)

### Distribution Packages

- [RubyGem \(asciidoctor\)](#)
- [Fedora \(rubygem-asciidoctor\)](#)
- [Debian \(asciidoctor\)](#)
- [Ubuntu \(asciidoctor\)](#)

[issues resolved](#) | [git tag](#) | [full diff](#)

## 0.1.4 (2013-09-05) - @mojomlinux

### Performance

- 15% increase in speed compared to 0.1.3

## Enhancements

- updated xref inline macro to support inter-document references (#417)
- added extension API for document processing (#79)
- added include directive processor extension (#100)
- added id and role shorthand for formatted (quoted) text (#517)
- added shorthand syntax for specifying block options (#481)
- added support for checklists in unordered list (#200)
- added support for inline style for unordered lists (#620)
- added DocBook 5 backend (#411)
- added docinfo option for footer (#486)
- added Pygments as source highlighter option (pygments) (#538)
- added icon inline macro (#529)
- recognize implicit table header row (#387)
- uri can be used in inline image (#470)
- add float attribute to inline image (#616)
- allow role to be specified on text enclosed in backticks (#419)
- added XML comment-style callouts for use in XML listings (#582)
- made callout bullets non-selectable in HTML output (#478)
- pre-wrap literal blocks, added nowrap option to listing blocks (#303)
- skip (retain) missing attribute references by default (#523)
- added attribute-missing attribute to control how a missing attribute is handled (#495)
- added attribute-undefined attribute to control how an undefined attribute is handled (#495)
- permit !name syntax for undefining attribute (#498)
- ignore front matter used by static site generators if skip-front-matter attribute is set (#502)
- sanitize contents of HTML title element in html5 backend (#504)
- support toc position for toc2 (#467)
- cli accepts multiple files as input (#227) (@lordofthejars)
- added Markdown-style horizontal rules and pass Markdown tests (#455)
- added float clearing classes (.clearfix, .float-group) (#602)
- don't disable syntax highlighting when explicit subs is used on listing block
- asciidoctor package now available in Debian Sid and Ubuntu Saucy (#216) (@avtobiff)

## Compliance

- embed CSS by default, copy stylesheet when linkcss is set unless copycss! is set (#428)
- refactor reader to track include stack (#572)
- made include directive resolve relative to current file (#572)

- track include stack to enforce maximum depth (#581)
- fixed greedy comment blocks and paragraphs (#546)
- enable toc and numbered by default in DocBook backend (#540)
- ignore comment lines when matching labeled list item (#524)
- correctly parse footnotes that contain a URL (#506)
- parse manpage metadata, output manpage-specific HTML, set docname and outfilesuffix (#488, #489)
- recognize preprocessor directives on first line of AsciiDoc table cell (#453)
- include directive can retrieve data from uri if allow-uri-read attribute is set (#445)
- support escaping attribute list that precedes formatted (quoted) text (#421)
- made improvements to list processing (#472, #469, #364)
- support percentage for column widths (#465)
- substitute attributes in docinfo files (#403)
- numbering no longer increments on unnumbered sections (#393)
- fixed false detection of list item with hyphen marker
- skip include directives when processing comment blocks
- added xmlns to root element in docbook45 backend, set noxmlns attribute to disable
- added a Compliance module to control compliance-related behavior
- added linkattrs feature to AsciiDoc compatibility file (#441)
- added level-5 heading to AsciiDoc compatibility file (#388)
- added new XML-based callouts to AsciiDoc compatibility file
- added absolute and uri image target matching to AsciiDoc compatibility file
- added float attribute on inline image macro to AsciiDoc compatibility file
- removed linkcss in AsciiDoc compatibility file
- fixed fenced code entry in compatibility file

## Bug Fixes

- lowercase attribute names passed to API (#508)
- numbered can still be toggled even when enabled in API (#393)
- allow JRuby Map as attributes (#396)
- don't attempt to highlight callouts when using CodeRay and Pygments (#534)
- correctly calculate line length in Ruby 1.8 (#167)
- write to specified outfile even when input is stdin (#500)
- only split quote attribution on first comma in Markdown blockquotes (#389)
- don't attempt to print render times when doc is not rendered
- don't recognize line with four backticks as a fenced code block (#611)



## Improvements

- upgraded Font Awesome to 3.2.1 (#451)
- improved the built-in CodeRay theme to match Asciidoctor styles
- link to CodeRay stylesheet if linkcss is set (#381)
- style the video block (title & margin) (#590)
- added Groovy, Clojure, Python and YAML to floating language hint
- only process callouts for blocks in which callouts are found
- added content\_model to AbstractBlock, rename buffer to lines
- use Untitled as document title in rendered output if document has no title
- rename include-depth attribute to max-include-depth, set 64 as default value (#591)
- the tag attribute can be used on the include directive to identify a single tagged region
- output multiple authors in HTML backend (#399)
- allow multiple template directories to be specified, document in usage and manpage (#437)
- added option to cli to specify template engine (#406)
- added support for external video hosting services in video block macro (#587) (@xcoulon)
- strip leading separator(s) on section id if idprefix is blank (#551)
- customized styling of toc placed inside body content (#507)
- consolidate toc attribute so toc with or without toc-position can make sidebar toc (#618)
- properly style floating images (inline & block) (#460)
- add float attribute to inline images (#616)
- use ul list for TOC in HTML5 backend (#431)
- support multiple terms per labeled list item in model (#532)
- added role?, has\_role?, option? and roles methods to AbstractNode (#423, 474)
- added captioned\_title method to AbstractBlock
- honor showtitle attribute as alternate to notitle! (#457)
- strip leading indent from literal paragraph blocks assigned the style normal
- only process lines in AsciiDoc files
- emit message that tilt gem is required to use custom backends if missing (#433)
- use attributes for version and last updated messages in footer (#596)
- added a basic template cache (#438)
- include line info in several of the warnings (for lists and tables)
- print warning/error messages using warn (#556)
- lines are not preprocessed when peeking ahead for section underline
- introduced Cursor object to track line info
- fixed table valign classes, no underline on image link

- removed dependency on pending library, lock Nokogiri version to 1.5.10
- removed require rubygems line in asciidoctor.rb, add to cli if RUBY\_VERSION < 1.9
- added tests for custom backends
- added test that shorthand doesn't clobber explicit options (#481)
- removed unnecessary monospace class from literal and listing blocks

### Distribution Packages

- [RubyGem \(asciidoctor\)](#)
- [Fedora \(rubygem-asciidoctor\)](#)
- [Debian \(asciidoctor\)](#)
- [Ubuntu \(asciidoctor\)](#)

[issues resolved](#) | [git tag](#) | [full diff](#)

## 0.1.3 (2013-05-30) - @mojomlinux

### Performance

- 10% increase in speed compared to 0.1.2

### Enhancements

- added support for inline rendering by setting doctype to inline (#328)
- added support for using font-based icons (#115)
- honor haml/slim/jade-style shorthand for id and role attributes (#313)
- support Markdown-style headings as section titles (#373)
- support Markdown-style quote blocks
- added section level 5 (maps to h6 element in the html5 backend) (#334)
- added btn inline macro (#259)
- added menu inline menu to identify a menu selection (#173) (@bleathem)
- added kbd inline macro to identify a key or key combination (#172) (@bleathem)
- support alternative quote forms (#196)
- added indent attribute to verbatim blocks (#365)
- added prettify source-highlighter (#202)
- link section titles (#122)
- introduce shorthand syntax for table format (#350)
- parse attributes in link when use-link-attrs attribute is set (#214)
- support preamble toc-placement (#295)
- exclude attribute div if quote has no attribution (#309)
- support attributes passed to API as string or string array (#289)

- allow safe mode to be set using string, symbol or int in API (#290)
- make level 0 section titles more prominent in TOC (#369)

## Compliance

- ~ 99.5% compliance with AsciiDoc
- drop line if target of include directive is blank (#376)
- resolve attribute references in target of include directive (#367)
- added irc scheme to link detection (#314)
- toc should honor numbered attribute (#341)
- added toc2 layout to default stylesheet (#285)
- consecutive terms in labeled list share same entry (#315)
- support set:name:value attribute syntax (#228)
- block title not allowed above document title (#175)
- assign caption even if no title (#321)
- horizontal dlist layout in docbook backend (#298)
- set doctitle attribute (#337)
- allow any backend to be specified in cli (#320) (@lightguard)
- support for abstract and partintro (#297)

## Bug Fixes

- fixed file path resolution on Windows (#330)
- fixed bad variable name that was causing crash, add test for it (#335)
- set proper encoding on input data (#308)
- don't leak doctitle into nested document (#382)
- handle author(s) defined using attributes (#301)

## Improvements

- added tests for all special sections (#80)
- added test for attributes defined as string or string array (#291) (@lightguard)

## Distribution Packages

- [RubyGem \(asciidoctor\)](#)
- [Fedora \(rubygem-asciidoctor\)](#)

[release notes](#) | [issues resolved](#) | [git tag](#) | [full diff](#)

# 0.1.2 (2013-04-25) - @mojomlinux

## Performance

- 28% increase in speed compared to 0.1.1, 32% increase compared to 0.1.0

## Enhancements

- new website at <http://asciidoctor.org>
- added a default stylesheet (#76)
- added viewport meta tag for mobile browsers (#238)
- set attributes based on safe mode (#244)
- added admonition name as style class (#265)
- removed hardcoded CSS, no one likes hardcoded CSS (#165)
- support multiple authors in document header (#223)
- include footnotes block in embedded document (#206)
- allow comma delimiter in include attribute values (#226)
- support including tagged lines (#226)
- added line selection to include directive (#226)
- AsciiDoctor#render APIs return Document when document is written to file

## Compliance

- added AsciiDoc compatibility file to make AsciiDoc behave like AsciiDoctor (#257)
- restore alpha-based xml entities (#211)
- implement video and audio block macros (#155)
- implement toc block macro (#269)
- correctly handle multi-part books (#222)
- complete masquerade functionality for blocks & paragraphs (#187)
- support explicit subs on blocks (#220)
- use code element instead of tt (#260)
- honor toc2 attribute (#221)
- implement leveloffset feature (#212)
- include docinfo files in header when safe mode < SERVER (#116)
- support email links and mailto inline macros (#213)
- question must be wrapped in simpara (#231)
- allow round bracket in link (#218)

## Bug Fixes

- trailing comma shouldn't be included in link (#280)
- warn if file in include directive doesn't exist (#262)
- negative case for inline ifndef should only affect current line (#241)
- don't compact nested documents (#217)
- nest revision info inside revision element (#236)

## Distribution Packages

- [RubyGem \(asciidoctor\)](#)

[release notes](#) | [issues resolved](#) | [git tag](#) | [full diff](#)

# 0.1.1 (2013-02-26) - @erebor

## Performance

- 15% increase in speed compared to 0.1.0

## Enhancements

- migrated repository to asciidoctor organization on GitHub (#77)
- include document title when header/footer disabled and notitle attribute is unset (#103)
- honor GitHub-flavored Markdown fenced code blocks (#118)
- added :doctype and :backend keys to options hash in API (#163)
- added :to\_dir option to the Asciidoctor#render API
- added option :header\_only to stop parsing after reading the header
- preliminary line number tracking
- auto-select backend sub-folder containing custom templates
- rubygem-asciidoctor package now available in Fedora (#92)

## Compliance

- refactor reader, process attribute entries and conditional blocks while parsing (#143)
- support limited value comparison functionality of ifeval (#83)
- added support for multiple attributes in ifdef and ifndef directives
- don't attempt to embed image with uri reference when data-uri is set (#157)
- accomodate trailing dot in author name (#156)
- don't hardcode language attribute in html backend (#185)
- removed language from DocBook root node (#188)
- fixed revinfo line swallowing attribute entry
- auto-generate caption for listing blocks if listing-caption attribute is set
- support nested includes
- support literal and listing paragraphs
- support em dash shorthand at the end of a line
- added ftp support to link inline macro
- added support for the page break block macro

## Bug Fixes

- pass through image with uri reference when data-uri is set (#157)

- print message for failed arg (#152)
- normalize whitespace at the end of lines (improved)
- properly load custom templates and required libraries

### Improvements

- parse document header in distinct parsing step
- moved hardcoded english captions to attributes

### Distribution Packages

- [RubyGem \(asciidoctor\)](#)

[issues resolved](#) | [git tag](#) | [full diff](#)

## 0.1.0 (2013-02-04) - @erebor

### Enhancements

- introduced Asciidoctor API (Asciidoctor#load and Asciidoctor#render methods) (#34)
- added SERVER safe mode level (minimum recommended security for serverside usage) (#93)
- added the asciidoctor commandline interface (cli)
- added asciidoctor-safe command, enables safe mode by default
- added man page for the asciidoctor command
- use blockquote tag for quote block content (#124)
- added hardbreaks option to preserve line breaks in paragraph text (#119)
- :header\_footer option defaults to false when using the API, unless rendering to file
- added idseparator attribute to customized separator used in generated section ids
- do not number special sections (differs from AsciiDoc)

### Compliance

- use callout icons if icons are enabled, unless safe mode is SECURE
- added support for name=value@ attribute syntax passed via cli (#97)
- attr refs no longer case sensitive (#109)
- fixed several cases of incorrect list handling
- don't allow links to consume endlines or surrounding angled brackets
- recognize single quote in author name
- support horizontal labeled list style
- added support for the d cell style
- added support for bibliography anchors
- added support for special sections (e.g., appendix)
- added support for index term inline macros

- added support for footnote and footnoteref inline macros
- added auto-generated numbered captions for figures, tables and examples
- added counter inline macros
- added support for floating (discrete) section titles

### Bug Fixes

- fixed UTF-8 encoding issue by adding magic encoding line to ERB templates (#144)
- resolved Windows compatibility issues
- clean CRLF from end of lines (#125)
- enabled warnings when running tests, fixed warnings (#69)

### Improvements

- renamed iconstype attribute to icontype

### Distribution Packages

- [RubyGem \(asciidoctor\)](#)

[issues resolved](#) | [git tag](#) | [full diff](#)

## Older releases (pre-0.0.1)

For information about older releases, refer to the [commit history](#) on GitHub.