

Ruby trunk - Feature #12245

optional parameter ndigits to Integer#floor, Integer#ceil, Float#floor, Float#ceil

04/02/2016 03:34 PM - nobu (Nobuyoshi Nakada)

| | |
|--|--------|
| Status: | Closed |
| Priority: | Normal |
| Assignee: | |
| Target version: | |
| Description | |
| Related to [Feature #12244]. I think that Integer#floor, Integer#ceil, Float#floor, and Float#ceil should have optional parameter ndigits, as well as round methods. | |
| https://github.com/ruby/ruby/compare/trunk...nobu:feature/Integer%23floor-ndigits https://github.com/ruby/ruby/compare/trunk...nobu:feature/Integer%23ceil-ndigits https://github.com/ruby/ruby/compare/trunk...nobu:feature/Float%23floor-ndigits https://github.com/ruby/ruby/compare/trunk...nobu:feature/Float%23ceil-ndigits | |

Associated revisions

Revision a1542d33 - 04/13/2016 06:50 AM - nobu (Nobuyoshi Nakada)

numeric.c: int_ceil

- numeric.c (int_ceil): add an optional parameter, digits, as well as Integer#round. [Feature #12245]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54562 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54562 - 04/13/2016 06:50 AM - nobu (Nobuyoshi Nakada)

numeric.c: int_ceil

- numeric.c (int_ceil): add an optional parameter, digits, as well as Integer#round. [Feature #12245]

Revision 54562 - 04/13/2016 06:50 AM - nobu (Nobuyoshi Nakada)

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- numeric.c (int_ceil): add an optional parameter, digits, as well as Integer#round. [Feature #12245]

Revision d56b2776 - 04/13/2016 06:54 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_floor

- numeric.c (flo_floor): add an optional parameter, digits, as well as Integer#floor. [Feature #12245]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54563 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54563 - 04/13/2016 06:54 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_floor

- numeric.c (flo_floor): add an optional parameter, digits, as well as Integer#floor. [Feature #12245]

Revision 54563 - 04/13/2016 06:54 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_floor

- numeric.c (flo_floor): add an optional parameter, digits, as well as Integer#floor. [Feature #12245]

Revision 54563 - 04/13/2016 06:54 AM - nobu (Nobuyoshi Nakada)

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Revision 54563 - 04/13/2016 06:54 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_floor

- numeric.c (flo_floor): add an optional parameter, digits, as well as Integer#floor. [Feature #12245]

Revision c2585351 - 04/13/2016 06:56 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_ceil

- numeric.c (flo_ceil): add an optional parameter, digits, as well as Float#round. [Feature #12245]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54564 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54564 - 04/13/2016 06:56 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_ceil

- numeric.c (flo_ceil): add an optional parameter, digits, as well as Float#round. [Feature #12245]

Revision 54564 - 04/13/2016 06:56 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_ceil

- numeric.c (flo_ceil): add an optional parameter, digits, as well as Float#round. [Feature #12245]

Revision 54564 - 04/13/2016 06:56 AM - nobu (Nobuyoshi Nakada)

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Revision 54564 - 04/13/2016 06:56 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_ceil

- numeric.c (flo_ceil): add an optional parameter, digits, as well as Float#round. [Feature #12245]

Revision 1826991f - 04/15/2016 01:17 AM - nobu (Nobuyoshi Nakada)

NEWS: mention [Feature #12245]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54590 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54590 - 04/15/2016 01:17 AM - nobu (Nobuyoshi Nakada)

NEWS: mention [Feature #12245]

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Revision 54590 - 04/15/2016 01:17 AM - nobu (Nobuyoshi Nakada)

NEWS: mention [Feature #12245]

Revision ae4eb682 - 04/18/2016 02:38 AM - nobu (Nobuyoshi Nakada)

numeric.c: update doc [ci skip]

- numeric.c (int_to_i): [DOC] floor and ceil are no longer synonyms. [Feature #12245]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54621 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54621 - 04/18/2016 02:38 AM - nobu (Nobuyoshi Nakada)

numeric.c: update doc [ci skip]

- numeric.c (int_to_i): [DOC] floor and ceil are no longer synonyms. [Feature #12245]

Revision 54621 - 04/18/2016 02:38 AM - nobu (Nobuyoshi Nakada)

numeric.c: update doc [ci skip]

- numeric.c (int_to_i): [DOC] floor and ceil are no longer synonyms. [Feature #12245]

Revision 54621 - 04/18/2016 02:38 AM - nobu (Nobuyoshi Nakada)

numeric.c: update doc [ci skip]

- numeric.c (int_to_i): [DOC] floor and ceil are no longer synonyms. [Feature #12245]

Revision 54621 - 04/18/2016 02:38 AM - nobu (Nobuyoshi Nakada)

numeric.c: update doc [ci skip]

- numeric.c (int_to_i): [DOC] floor and ceil are no longer synonyms. [Feature #12245]

Revision adc7cb24 - 04/18/2016 03:40 AM - nobu (Nobuyoshi Nakada)

test_float.rb: assertions for negative floats

- test/ruby/test_float.rb: add assertions for round,floor,ceil on negative floats. [Feature #12245]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54623 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54623 - 04/18/2016 03:40 AM - nobu (Nobuyoshi Nakada)

test_float.rb: assertions for negative floats

- test/ruby/test_float.rb: add assertions for round,floor,ceil on negative floats. [Feature #12245]

Revision 54623 - 04/18/2016 03:40 AM - nobu (Nobuyoshi Nakada)

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Revision 54623 - 04/18/2016 03:40 AM - nobu (Nobuyoshi Nakada)

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Revision 54623 - 04/18/2016 03:40 AM - nobu (Nobuyoshi Nakada)

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- test/ruby/test_float.rb: add assertions for round,floor,ceil on negative floats. [Feature #12245]

Revision 39f31b8c - 04/18/2016 03:55 AM - nobu (Nobuyoshi Nakada)

numeric.c: int_truncate

- numeric.c (int_truncate): add an optional parameter, digits, as well as Integer#round. [Feature #12245]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54624 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54624 - 04/18/2016 03:55 AM - nobu (Nobuyoshi Nakada)

numeric.c: int_truncate

- numeric.c (int_truncate): add an optional parameter, digits, as well as Integer#round. [Feature #12245]

Revision 54624 - 04/18/2016 03:55 AM - nobu (Nobuyoshi Nakada)

numeric.c: int_truncate

- numeric.c (int_truncate): add an optional parameter, digits, as well as Integer#round. [Feature #12245]

Revision 54624 - 04/18/2016 03:55 AM - nobu (Nobuyoshi Nakada)

numeric.c: int_truncate

- numeric.c (int_truncate): add an optional parameter, digits, as well as Integer#round. [Feature #12245]

Revision 54624 - 04/18/2016 03:55 AM - nobu (Nobuyoshi Nakada)

numeric.c: int_truncate

- numeric.c (int_truncate): add an optional parameter, digits, as well as Integer#round. [Feature #12245]

Revision fe96a249 - 04/18/2016 03:56 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_truncate

- numeric.c (flo_truncate): add an optional parameter, digits, as well as Float#round. [Feature #12245]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54625 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54625 - 04/18/2016 03:56 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_truncate

- numeric.c (flo_truncate): add an optional parameter, digits, as well as Float#round. [Feature #12245]

Revision 54625 - 04/18/2016 03:56 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_truncate

- numeric.c (flo_truncate): add an optional parameter, digits, as well as Float#round. [Feature #12245]

Revision 54625 - 04/18/2016 03:56 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_truncate

- numeric.c (flo_truncate): add an optional parameter, digits, as well as Float#round. [Feature #12245]

Revision 54625 - 04/18/2016 03:56 AM - nobu (Nobuyoshi Nakada)

numeric.c: flo_truncate

- numeric.c (flo_truncate): add an optional parameter, digits, as well as Float#round. [Feature #12245]

Revision 0a38e38a - 04/18/2016 03:57 AM - nobu (Nobuyoshi Nakada)

numeric.c: numeric_ndigits

- numeric.c (num_floor, num_ceil, num_truncate): add an optional parameter, digits, as well as Numeric#round. [Feature #12245]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54626 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54626 - 04/18/2016 03:57 AM - nobu (Nobuyoshi Nakada)

numeric.c: numeric_ndigits

- numeric.c (num_floor, num_ceil, num_truncate): add an optional parameter, digits, as well as Numeric#round. [Feature #12245]

Revision 54626 - 04/18/2016 03:57 AM - nobu (Nobuyoshi Nakada)

numeric.c: numeric_ndigits

- numeric.c (num_floor, num_ceil, num_truncate): add an optional parameter, digits, as well as Numeric#round. [Feature #12245]

Revision 54626 - 04/18/2016 03:57 AM - nobu (Nobuyoshi Nakada)

numeric.c: numeric_ndigits

- numeric.c (num_floor, num_ceil, num_truncate): add an optional parameter, digits, as well as Numeric#round. [Feature #12245]

Revision 54626 - 04/18/2016 03:57 AM - nobu (Nobuyoshi Nakada)

numeric.c: numeric_ndigits

- numeric.c (num_floor, num_ceil, num_truncate): add an optional parameter, digits, as well as Numeric#round. [Feature #12245]

History

#1 - 04/04/2016 01:53 PM - shevegen (Robert A. Heiler)

I think that would make sense.

I usually add an extra method call afterwards to round it manually (or, if not `.round` then to use it as a string and `sprintf, % or .ljust / .rjust` output it).

I should also note that newcomers often ask on IRC how to round / display something properly, so anything that may be of help here, is good I think. (It will be typical question such as how to display a float like 3.0 as 3.000, if only for properly padded output with other float values that will have 3 slots past the . like 2.983 and so on)

#2 - 04/13/2016 06:50 AM - nobu (Nobuyoshi Nakada)

- *Status changed from Open to Closed*

Applied in changeset [r54562](#).

numeric.c: `int_ceil`

- `numeric.c (int_ceil)`: add an optional parameter, `digits`, as well as `Integer#round`. [Feature [#12245](#)]