Ruby master - Feature #12953

(Float, Integer, Rational)#round(half: :down)

11/18/2016 07:02 AM - shyouhei (Shyouhei Urabe)

Status: Closed
Priority: Normal
Assignee: 
Target version: 

Description
I learned that The Japanese Ministry of Health, Labor and Welfare requires that the insured burden amount of employment insurance be calculated in round half down mode. Details: [http://www.mhlw.go.jp/topics/2005/04/tp0425-2.html](http://www.mhlw.go.jp/topics/2005/04/tp0425-2.html)

Given there is a real-world situation where half-down is actually mandatory, I think we should implement the (currently lacking) half: :down option.

Related issues:
Related to Ruby master - Bug #12952: Incompatibility of a method signature be... Closed

Associated revisions
Revision 56897 - 11/25/2016 06:28 AM - nobu (Nobuyoshi Nakada)
round-down

- numeric.c (round_half_down, int_round_half_down): support round-down mode.

Revision 8c08d2de - 11/26/2016 10:57 AM - nobu (Nobuyoshi Nakada)
NEWS: mention [Feature #12953] [ci skip]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@56900 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 56900 - 11/26/2016 10:57 AM - nobu (Nobuyoshi Nakada)
NEWS: mention [Feature #12953] [ci skip]

Revision 56900 - 11/26/2016 10:57 AM - nobu (Nobuyoshi Nakada)
NEWS: mention [Feature #12953] [ci skip]

Revision 56900 - 11/26/2016 10:57 AM - nobu (Nobuyoshi Nakada)
NEWS: mention [Feature #12953] [ci skip]

History
#1 - 11/18/2016 07:16 AM - nobu (Nobuyoshi Nakada)
- Subject changed from (Float, Rational)#round(half: :down) to (Float, Integer, Rational)#round(half: :down)

https://github.com/ruby/ruby/compare/trunk...nobu:feature/round-down

#2 - 11/21/2016 03:38 PM - mrkn (Kenta Murata)
- Related to Bug #12952: Incompatibility of a method signature between 'Float#round' and 'BigDecimal#round' added

#3 - 11/25/2016 01:15 PM - shyouhei (Shyouhei Urabe)
We looked at this issue at todays developer meeting and no one (including matz who was there) was against it. I believe this is accepted.

#4 - 11/25/2016 06:29 PM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed