Add relative group reference in back reference with nest level in regular expressions (e.g. \k<-5+1>)

02/25/2009 01:16 AM - WoNaDo (Wolfgang Nádasi-Donner)

Status: Closed
Priority: Normal
Assignee: matz (Yukihiro Matsumoto)
Target version: 2.0.0

Description
=begin
It should be possible to use relative group references in back reference with nest level.

Reason: As named in Ticket 1200 relative group references can be very helpful in writing subexpressions, which can be used later on as often as necessary in one regular expression.

Unfortunately back references with nest level, \k, \k, \k'n+level', and \k'n-level', do not allow relative group referencing, so they can only be used if one knows, how many normal groups are in the complete regular expression before the referenced group.

If there are relative group references possible, e.g. \k<-n+level>, \k<-n-level>, \k'-n+level', and \k'-n-level', these constructs can be used in subexpressions designed to be used more than once in a regular expression.
=end

Related issues:
Related to Ruby master - Feature #1200: Possibility for using named and norma...
Rejected 02/25/2009

History
#1 - 07/20/2009 03:09 PM - naruse (Yui NARUSE)
=begin
This feature depends on oniguruma.
=end

#2 - 09/18/2009 04:26 AM - marcandre (Marc-Andre Lafortune)
- Assignee set to matz (Yukihiro Matsumoto)
- Target version changed from 1.9.1 to 2.0.0

=begin
=end

#3 - 09/14/2010 04:38 PM - shyouhei (Shyouhei Urabe)
- Status changed from Open to Assigned

=begin
=end

#4 - 02/14/2012 05:37 PM - naruse (Yui NARUSE)
- Status changed from Assigned to Closed

Ruby 1.9.1 supports this through Oniguruma 5.9.1.