20181018e Definite integrals

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library(Ryacas)  
library(mosaic)

### Working by examples

The definite integral of x^4 over [0,1] is:

x = Sym('x')  
Integrate(x^4,x,0,1)

## expression(1/5)

Calculate Int x^2 [0,2]:

Integrate(x^2,x,0,2)

## expression(8/3)

Determine Int exp(t) [-1,1]:

t = Sym('t')  
Integrate(exp(t),t,-1,1)

## expression(exp(1) - exp(-1))

N('%')

## expression(2.3504023872)