

(1)

$$(b^* (ab^* ab^*)^*)^*$$

(2)

$$(a+c)^* b (a+c)^* b (a+c)^* b (a+c)^*$$

(3)

$$0(0+1)^* 0 + 1(0+1)^* 1$$

(4)

$$(a+b)^* ab (a+b)^*$$

(5)

$$(0+1)^* 00$$

(6)

Complex in pure regex / out of scope

(7)

It's CFG not regex

(8)

$$(x+z)^* y (x+z)^*$$

(9)

$$(0+1)(0+1)(0+1)$$

(10)

$$(a+ba)^*$$

(11)

$$0^* (10^*)^*$$

(12)

$$(a+ba)^*$$

(13)

$$b(a+b)^* b$$

(14)

Not regular

(15)

$$(a+b+c)^* ac$$

(16)

$$(a+b)^* ba(a+b)^*$$

(17)

Complex to write fully

(18)

Complex in pure regex

(20)

$$(a+b)^* a (a+b)^*$$

(21)

$$0^* 1 0^*$$

(22)

$$(a+b)(a+b)b(a+b)^*$$

(23)

$$ab(a+b+c)^*$$

(24)

$$(b+ab)^*$$

(25)

$$(01)^* + (10)^* + 0 + 1$$

(26)

(27)

$$(a+b)^* ab (a+b)^* ba \{ (a+b)^* \}^* (a+b)^* ba (a+b) ab (a+b)^*$$

(28)

$$a^* b^* c (a+b+c)^*$$

(29)

$$(b^* a b^* a b^*)^* b^* a b^*$$

(30)

$$(a+b)^* b (a+b)^*$$

(31)

$$(a+b)^* ba (a+b)^*$$

(32)

$$(a+c)^* (b (a+b)^*)$$

(33)

$$(a+b)^* aa (a+b)^*$$

(34)

$$(1^* 0 1^* 0 1^*)^* 0 (1^*)$$

(35)

$$a(a+b)^*b$$

(36)

$$(0+1)^*01$$

(37)

$$(0+1)^*0$$

(38)

$$b^*a(a+b)^* + b^*$$

(39)

$$(a+b+c)^*c(a+b+c)^*$$

(40)

$$a^*(ba^*)$$

(41)

$$(a+e)^*b(a+c)^*b(a+c)^*$$

(42)

$$ab(a+b)^*ba$$

(43)

$$(b^*(abbb)^*)^*b^*$$

(44)

$$(0^*1(0^*10^*1)^*0^*)$$

(45)

$$(a+b)^*aa$$

(46)

$$(0+1)^*110(0+1)^*$$

(47)

no simple regex

(48)

not regular

(49)

$$a(a+b)^*b + b(a+b)^*a$$

(50)

$$b^*(ab)^*b^*$$