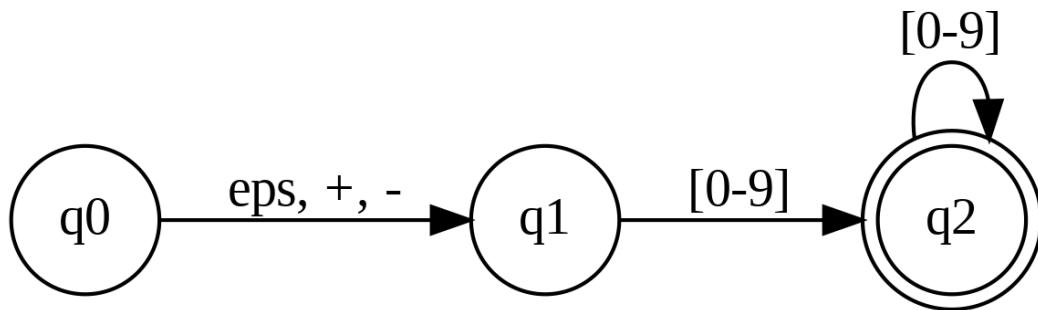


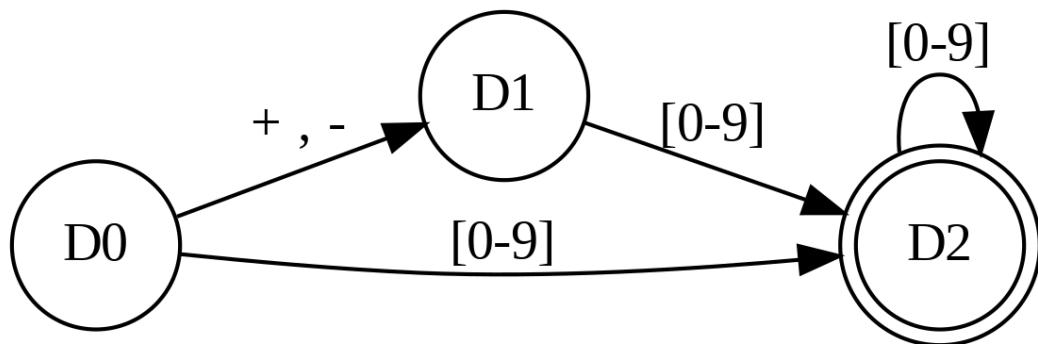
## 1. Integer Literal

Regex:  $[+-]?[0-9]+$

### 1. NFA



### 2. Minimized DFA



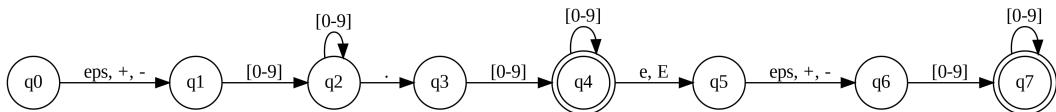
### 3. Transition Table

State	$+, -$	$[0-9]$
$D_0$	$D_1$	$D_2$
$D_1$	--	$D_2$
$*D_2$	--	$D_2$

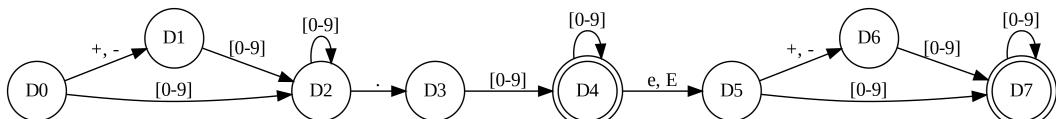
## 2. Floating-Point Literal

Regex:  $[+-]?[0-9]+\.[0-9]\{1,6\}([eE][+-]?[0-9]+)?$

### 1. NFA



### 2. Minimized DFA



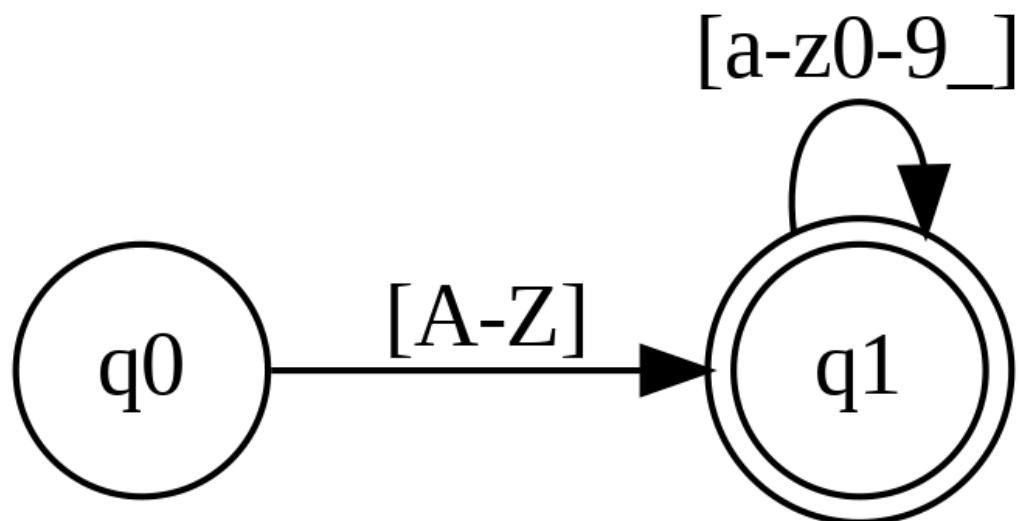
### 3. Transition Table

State	$+, -$	$[0-9]$	.	$e, E$
D0	D1	D2	--	--
D1	--	D2	--	--
D2	--	D2	D3	--
D3	--	D4	--	--
*D4	--	D4	--	D5
D5	D6	D7	--	--
D6	--	D7	--	--
*D7	--	D7	--	--

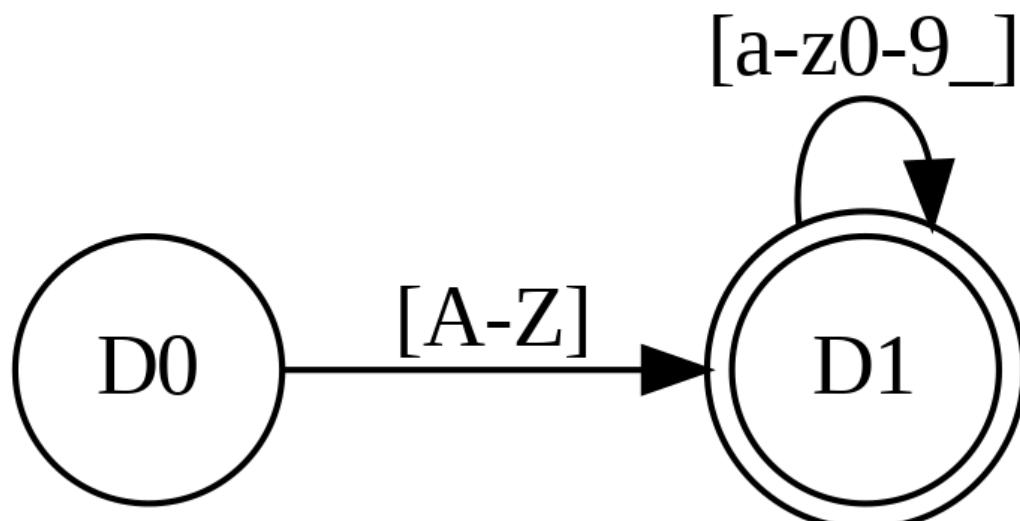
### 3. Identifier

Regex: [A-Z][a-z0-9\_]{0,30}

#### 1. NFA



#### 2. Minimized DFA



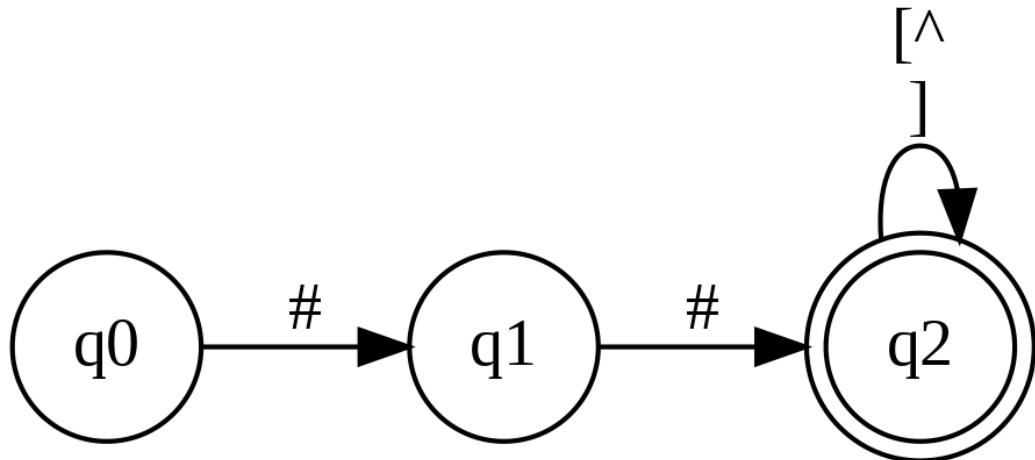
### 3. Transition Table

State	[A-Z]	[a-z0-9_]
$D_0$	$D_1$	--
$*D_1$	--	$D_1$

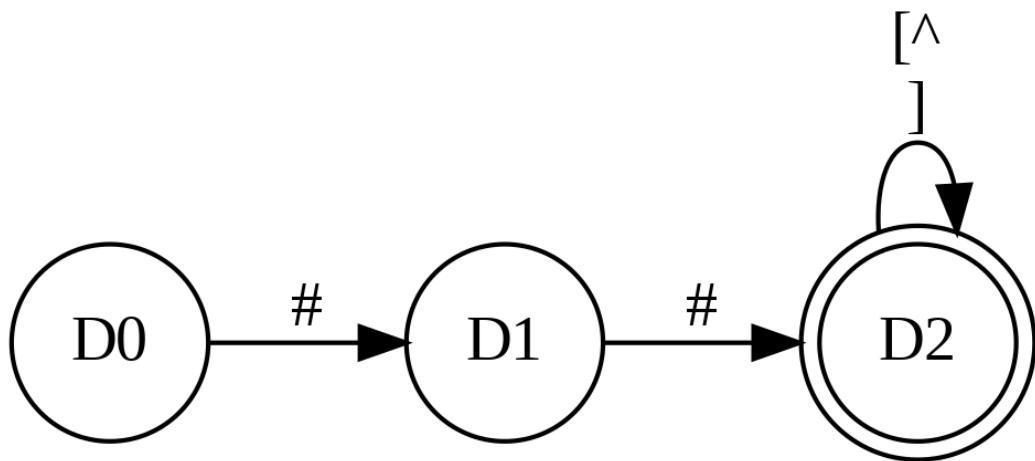
## 4. Single-line Comment

Regex: ##[^\\n]\*

### 1. NFA



### 2. Minimized DFA



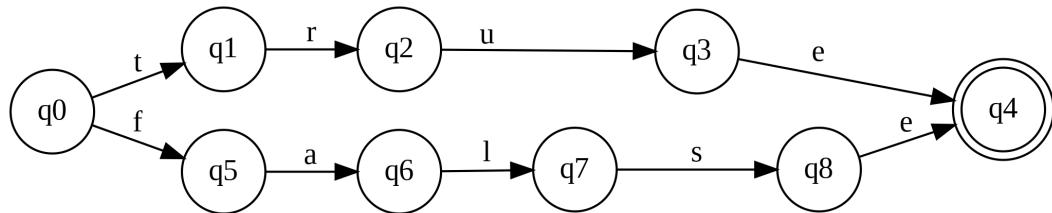
### 3. Transition Table

State	#	[^\\n]
D0	D1	--
D1	D2	--
*D2	D2	D2

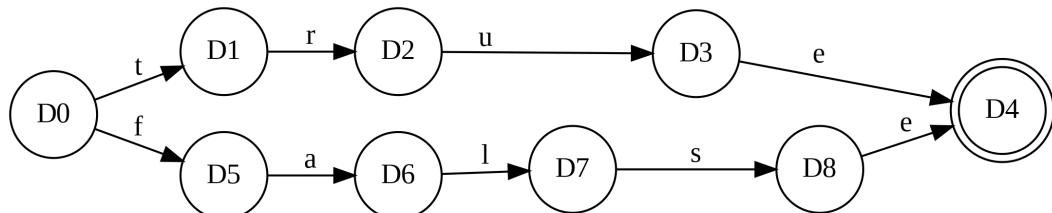
## 5. Boolean Literal

## Regex: true | false

## 1. NFA



## 2. Minimized DFA

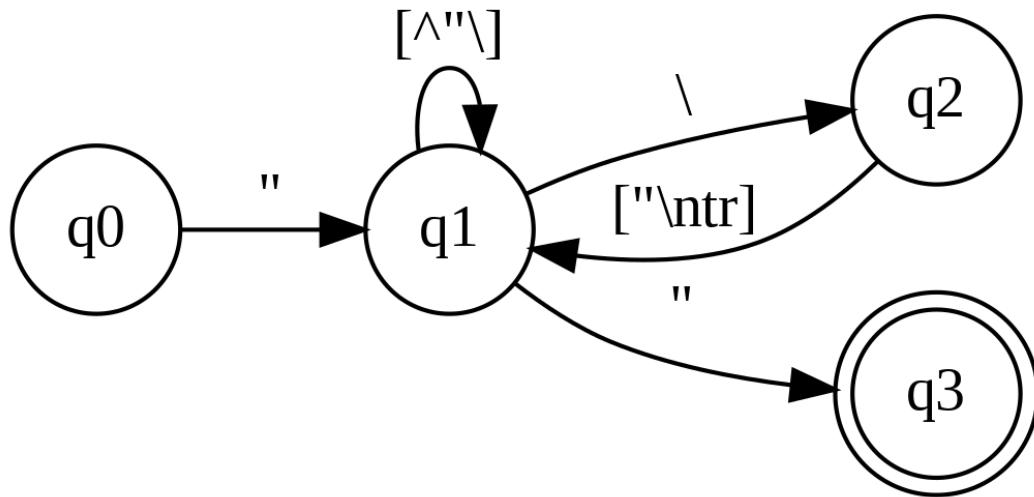


### 3. Transition Table

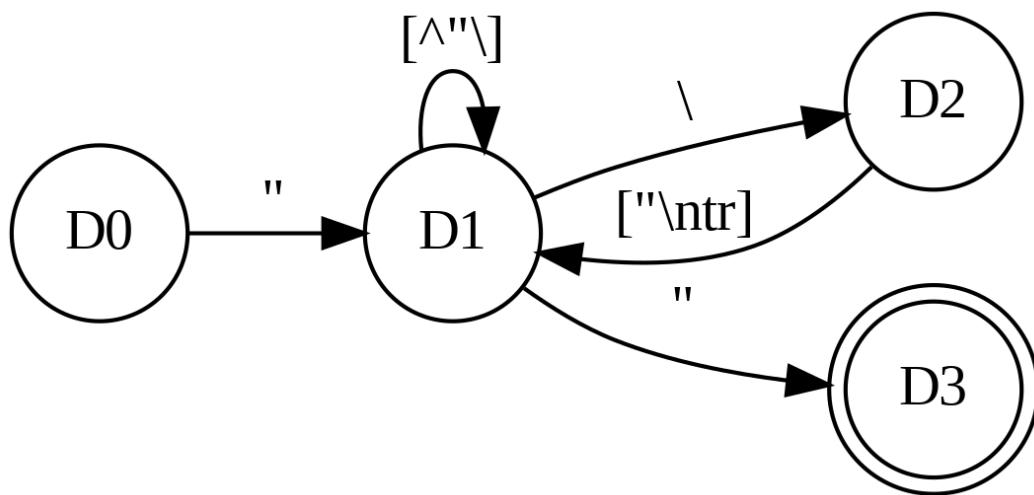
## 6. String Literal

Regex: `\\"([^\\"\\]|\\\"\\ntr])*\"`

### 1. NFA



### 2. Minimized DFA



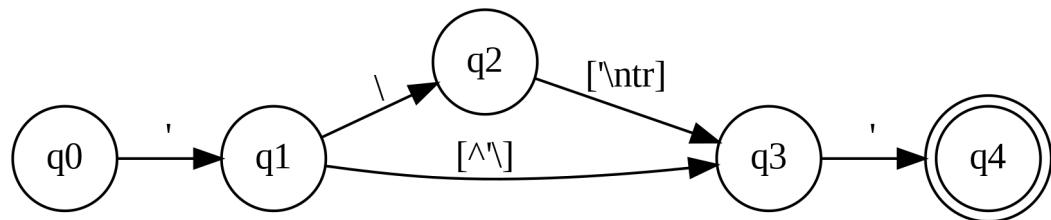
### 3. Transition Table

State	<code>"</code>	<code>\</code>	<code>[^\\"\\]</code>	<code>"\\ntr"</code>
$D_0$	$D_1$	--	--	--
$D_1$	$D_3$	$D_2$	$D_1$	--
$D_2$	--	--	--	$D_1$
$*D_3$	--	--	--	--

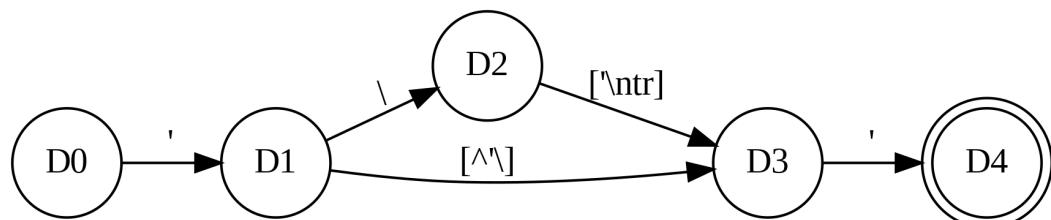
## 7. Character Literal

Regex: '([^\\"]|\\[\\\"\\ntr])'

### 1. NFA



### 2. Minimized DFA



### 3. Transition Table

State	.	\	[^\\"]	[\"\\ntr]
D0	D1	--	--	--
D1	--	D2	D3	--
D2	--	--	--	D3
D3	D4	--	--	--
*D4	--	--	--	--