START s0 = dfa("s0", false); //state s0 is labeled as the START state

{s0,false}

Start

s0

s1 = dfa("s1", false);

path(s0, s1, "h");

Start

{s0,false}

s0

{s1,false}

s1

“h”

s12 = dfa("s12", true);

path(s11, s12, "!");

{s0,false}

{s1,false}

{s11,false}

{s12,true}

“h”

“!”

...

s0

s1

s11

s12

Start

“o”

“e”

This is DFA final

{kill,false}

{s0,false}

{s1,false}

{s11,false}

“h”

“!”

...

s0

s1

s11

s12

Start

{s12,true}

others

others

others

others

“e”

“o”

all