Turing Machine

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Source code in SVN: [***http***://turing-machine-fmi.googlecode.com/svn/trunk/](http://turing-machine-fmi.googlecode.com/svn/trunk/)

Contains:

1. Solution – *TuringMachine.sln* created with *Visual Studio 2010* and source code inside *TuringMachine* folder
2. Classes reference – *ClassReference.docx* describes all files, classes and class members
3. Program workflow – *ProgramWorkflow.docx* describes how the program work and how the classes interact between each other
4. Tests – in *Release* folder
   1. *execute\_file.bat –* runs the machine with input and output files
   2. *In\_file.txt –* define which files will be used
      1. *in.txt*

3 blank x y

4 A B C F

1 F

6

A x B y R

A y F x R

B x C y L

B y C x S

C x A y R

C y A x S

1 x

Result:

4 x x y x

* + 1. *in\_1.txt*

3 blank x y

5 A B C D F

1 F

9

A x B blank R

A y F x R

B x C y L

B y C x S

B blank D y R

C x A y R

C y F x S

D y B x L

D x A y L

4 x blank blank y

Result:

4 y x x y