Algorithm of Suffix Tree Construction by farseerfc@gmail.com

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Part Outline

1 What I did

2 Future works

Algorithm of Constructing Suffix Tree figure/mississippi.pdf

figure/gray.pdf
Node (id:generation)

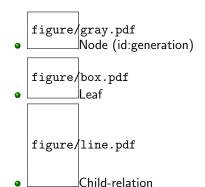
figure/mississippi.pdf

figure/mississippi.pdf

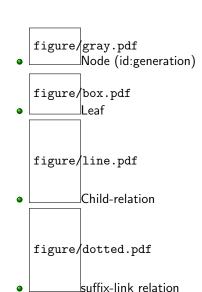
figure/gray.pdf
Node (id:generation)

figure/box.pdf
Leaf

figure/mississippi.pdf



figure/mississippi.pdf



Experiment – mississippi figure/m.pdf

Experiment – mississippi figure/mi.pdf

Experiment – mississippi
figure/mis.pdf

Experiment – mississippi figure/miss.pdf

Experiment – mississippi figure/missi.pdf

Experiment – mississippi figure/missis.pdf

Experiment – mississippi figure/mississ.pdf

Experiment – mississippi figure/mississi.pdf

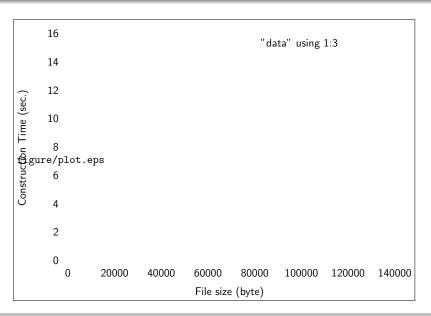
Experiment – mississippi figure/mississip.pdf

Experiment – mississippi figure/mississipp.pdf

Experiment – mississippi figure/mississippi.pdf

Experiment – mississippi figure/mississippi_.pdf

Experiment – English text



Part Outline

What I did

2 Future works

• Implementing Longest Common Substring algorithm using Generalised Suffix Tree based on Ukk's algorithm.

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- Reading and Understanding n-gram algorithm and its application in code-clone detectation.