

Ontology-Driven Summarization and Visualization of Legal Documents

Team:

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Project Documentation

① Technical System Documentation

```
.c class CrunchifyCountXMLElements {

    public static void main(String[] args) throws IOException {
        String inputFile = "http://Crunchify.com/wp-content/uploads/code/Company.xml";

        try {
            // Reads text from a character-input stream
            BufferedReader reader = new BufferedReader(new InputStreamReader(System.in));

            // Defines a factory API that enables applications to obtain a parser that produces DOM object trees from
            // XML documents.
            DocumentBuilderFactory factory = DocumentBuilderFactory.newInstance();

            // The Document interface represents the entire HTML or XML document. Conceptually, it is the root of the
            // document tree, and provides the primary access to the document's data.
            Document doc = factory.newDocumentBuilder().parse(inputFile);

            // Get input element from user
            System.out.print("Enter element name: ");
            String element = reader.readLine();

            // Returns a NodeList of all the Elements in document order with a given tag name and are contained in th
            // document.
```

② End-user System Documentation

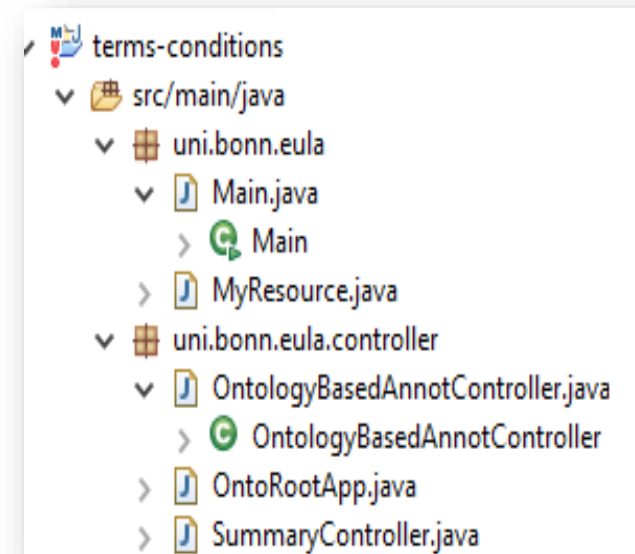
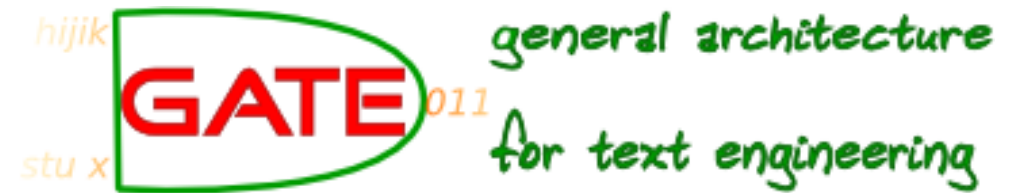
Quick Summary Edit

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▶ Distribute		▶ Disclose Source
▶ Place Warranty		▶ Include License
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		▶ Include Install Instructions

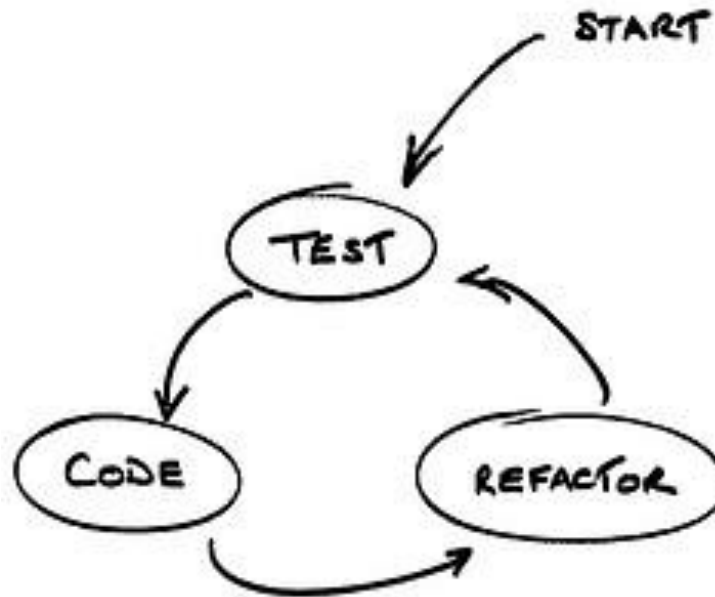
Technical System Documentation Plan (1)

- Architecture Information:
 - Gate Framework for text engineering
- Coding:
 - Comments
 - File naming convention
 - Simplicity



Technical System Documentation Plan (2)

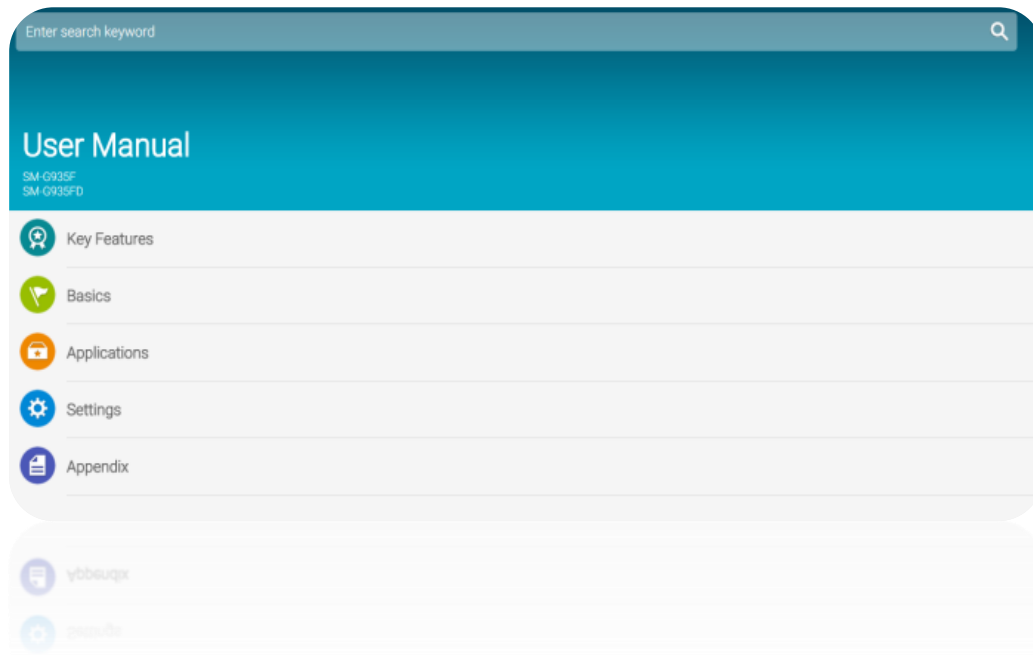
- Testing:
 - Testing per Unit, and for multiple EULAs



End-user System Documentation Plan

- To help end-user to be able to use the system
 - Demo
 - Help User Page

(1)



Documentation Schedule and Roles

Name	Task
Ahmad Hemid	<ul style="list-style-type: none"> - Framework and tools documentation - End-User Page
Lars Möllenbrok	<ul style="list-style-type: none"> - Testing documentation - System documentation
Isunge Mwangase	<ul style="list-style-type: none"> - System documentation - End-User Page
Md Saiful Islam Faisal	<ul style="list-style-type: none"> - Testing documentation - Framework and tools documentation
All	<ul style="list-style-type: none"> - Comments while coding - Project Demo

According to our plan for documentation, we will do documentation **every 2 weeks**

