 iV. Signleton

Enum을 통한 Singleton - HTMLTreeBuilderState, TokeniserState

-static Block을 통한 Singleton- ParseSettings(parser.HtmlTreeBuilder)

=defaultSettings (getInstatnce) ->parser.Parser(생성자)호출 treeBuilder.defaultSettings. -> 문제있어보임??

=Document(ParseSettings.htmlDefault)

=Document.createElement(ParseSettnigs.preserveCase)

V.Adapter(object)

TreeBuilderState관련

TreeBuilder - Target(interface)

HTMLTreeBuilder - Adapter

HTMLTreeBuilderState - Adaptee

request - TreeBuilder.process()

Client - HTMLTreeBuilderState에 있는 Enum class들

- TreeBuilder.runPareser()

Attributes 관련

Node - Target(interface)

Element - Adapter

Attributes - Adaptee

request - Node.outerHtmlHead()

Client - Node.head()

Tag관련

Node - Target(interface)

Element - Adapter

Tag - Adaptee

request - Node.nodeName(), Node.outerHtmlHead(),outerHtmlTail()

Client - Node.head()

\*Request 관련 - concrete -> HttpConnection 내장클래스

Response(Interface) - Target

Response(concrete) - Adapter

Request(Interface),Request(Concrete)-Adaptee

request() - Response.parse()

     - Response.bodyStream()

client - HttpConnection.get(),HttpConncetion.post()

- ConstrainableInputStreamTest() - 유저가 사용하는 사례

  HttpConnection에 구현된 BodyStream()은 BurfferedInputStream을 상속받는 ConstrainableInputStream(데코레이터 condiment)을 return함.

Element관련

TreeBuilder - Target

HtmlTreeBuilder - Adapter

Element  - Adaptee

parseFragment() - request()

Parser - Client -> parseFrag를 오버로딩 느낌으로 호출하는 구현

-> 문제있어보임

예상되는 문제점: Document는 클라이언트 인터페이스로 작용하면서, 빌더패턴에서의 Product로도 지정된다.

Product는 xml document, html document

Element-CleaningVisitor 관련

NodeVisitor(Interface) - Target

CleaningVisitor - Adapter

Element - Adaptee

head(), tail() - request()

NodeTraversor - Client

HttpConnection- Request 관련

Connection(Interface) - Target

HttpConnection - Adpater

Request(inter),Request(conc) - Adaptee

url(),proxy() … - request()

사용자 - Client

Accumulator  - Elements 관련

NodeVisitor(interface) - Target

Accumulator - Adapter

Elements - Adaptee

head() - request()

NodeTraversor-client

HttpConnection - Response 관련

Connection - Target

HttpConnection - Adatper

Response(Inte),Response(conc) - Adaptee

get(), post()  - request()

NodeList-Element 관련

ChangeNotifyingArrayList-Target

NodeList - Adapter

Element - Adaptee

onContentsChanged-request()

ChangeNotifyingArrayList-Client

-> 상속하는 부모(Target)가 Client - > 옵저버???분리?

FirstFinder - Evaluator

NodeFilter-Target

FirstFinder - Adapter

Evaluator - Adaptee

head() - request()

FilterResult.filter - Client

Accumulator - Evaluator

NodeVisitor - Target

Accumulator - Adapter

Evaluator - Adaptee

head() -request()

Client - NodeTraversor

Vi Composite 패턴

Component - Evaluator

Leaf - 왼쪽것들..

composite - CombiningEvaluator

operation - match()

add, remove 상응 -> and, or

Transparency에 초점을둔 Node 와 달리 safety에 둔 composite패턴 add,remove 연산이 component(evaluator)에 정의되지 않고, composite에 정의됨.

