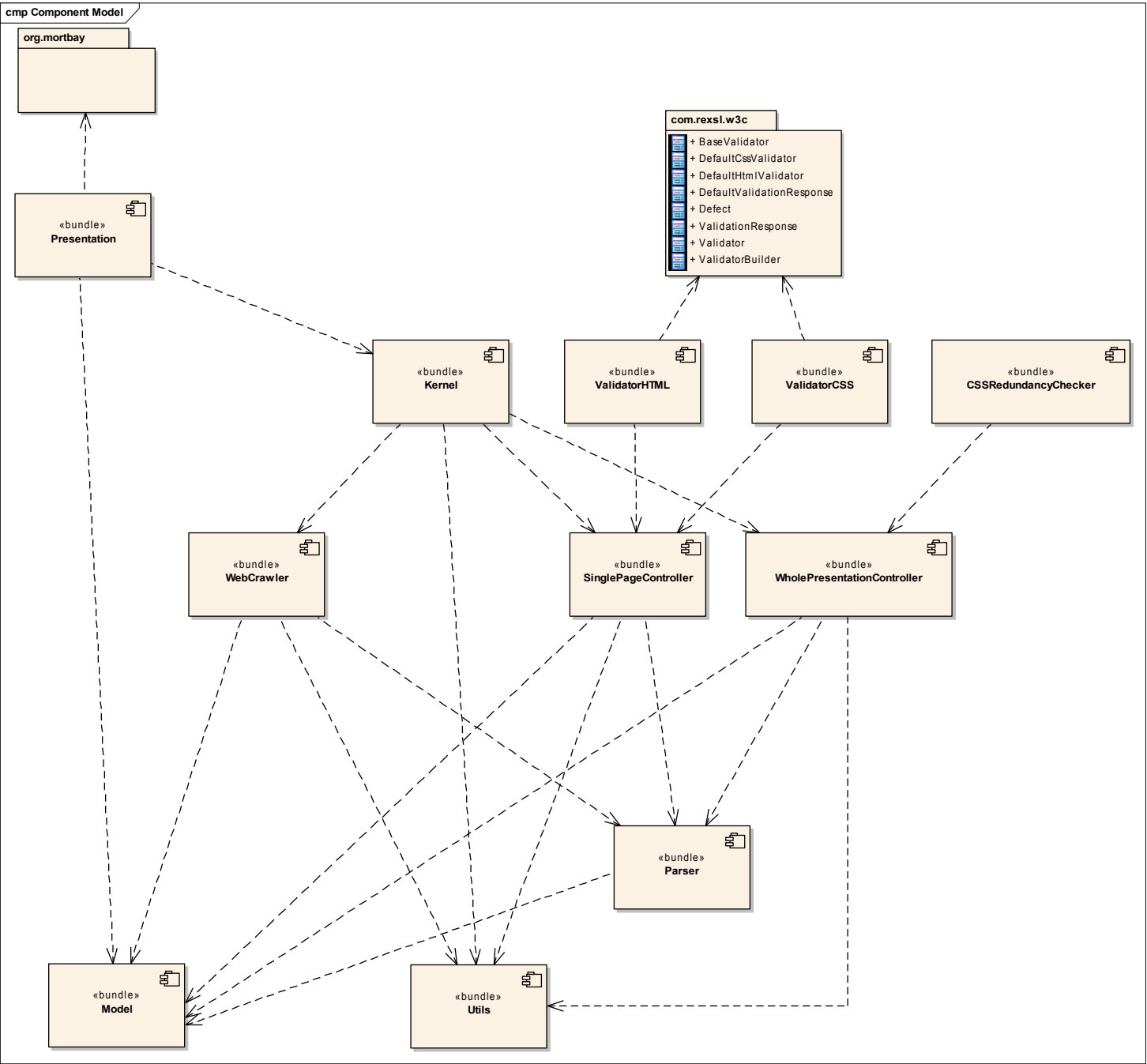


Balíček "Component Model"



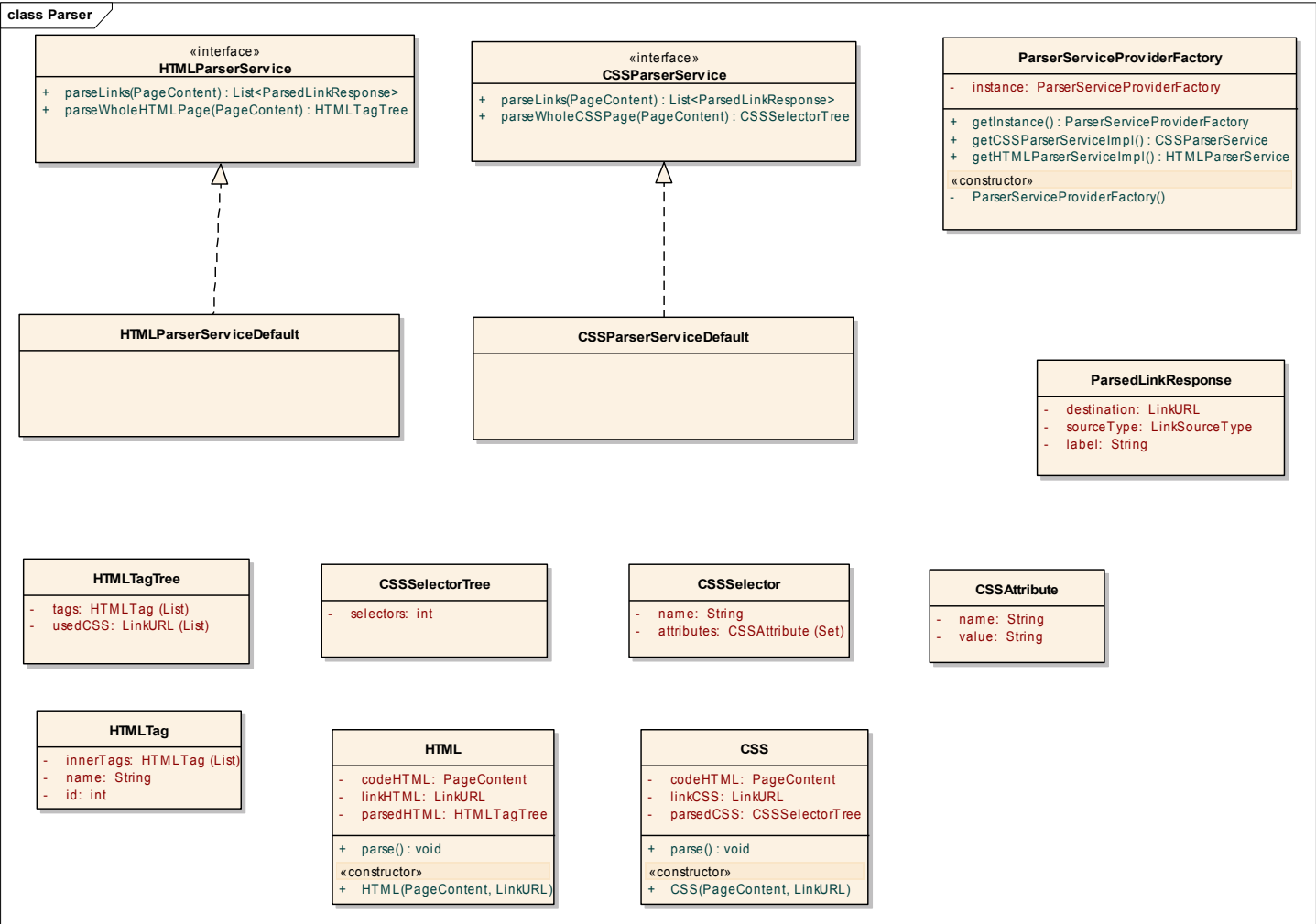
Obrázek: 1

Balíček "org.mortbay"

Embedded Jetty server support.

Balíček "com.rexsl.w3c"

Balíček "Parser"



Obrázek: 2

Balíček "CSSSelector"

Balíček "org.presentation.checker.parser"

Třída "ParserServiceProviderFactory"

Singleton class for receiving instance of ParserService interface implementation class.

Atributy

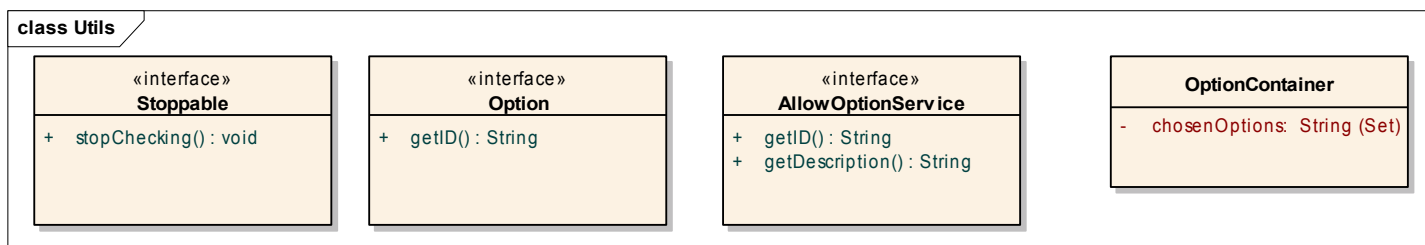
Atributy	Datový typ	Poznámky
----------	------------	----------

<b>instance</b>	ParserServiceProviderFactory	Holder for singleton instance for ParserServiceProviderFactory class.
-----------------	------------------------------	---

Metody	Návratový typ	Poznámky
<b>ParserServiceProviderFactory</b>	False	The public constructor is forbidden in singleton pattern. Parametry:
<b>getInstance</b>	False	Returns singleton instance of class ParserServiceProviderFactory. Parametry:
<b>getCSSParserServiceImpl</b>	False	Returns concrete CSSParserService implementation. If no service provider is registered into OSGi bundle, the default implementation is returned. Parametry:
<b>getHTMLParserServiceImpl</b>	False	Returns concrete HTMLParserService implementation. If no service provider is registered into OSGi bundle, the default implementation is returned. Parametry:

### Balíček "org.presentation.checker.parser.impl"

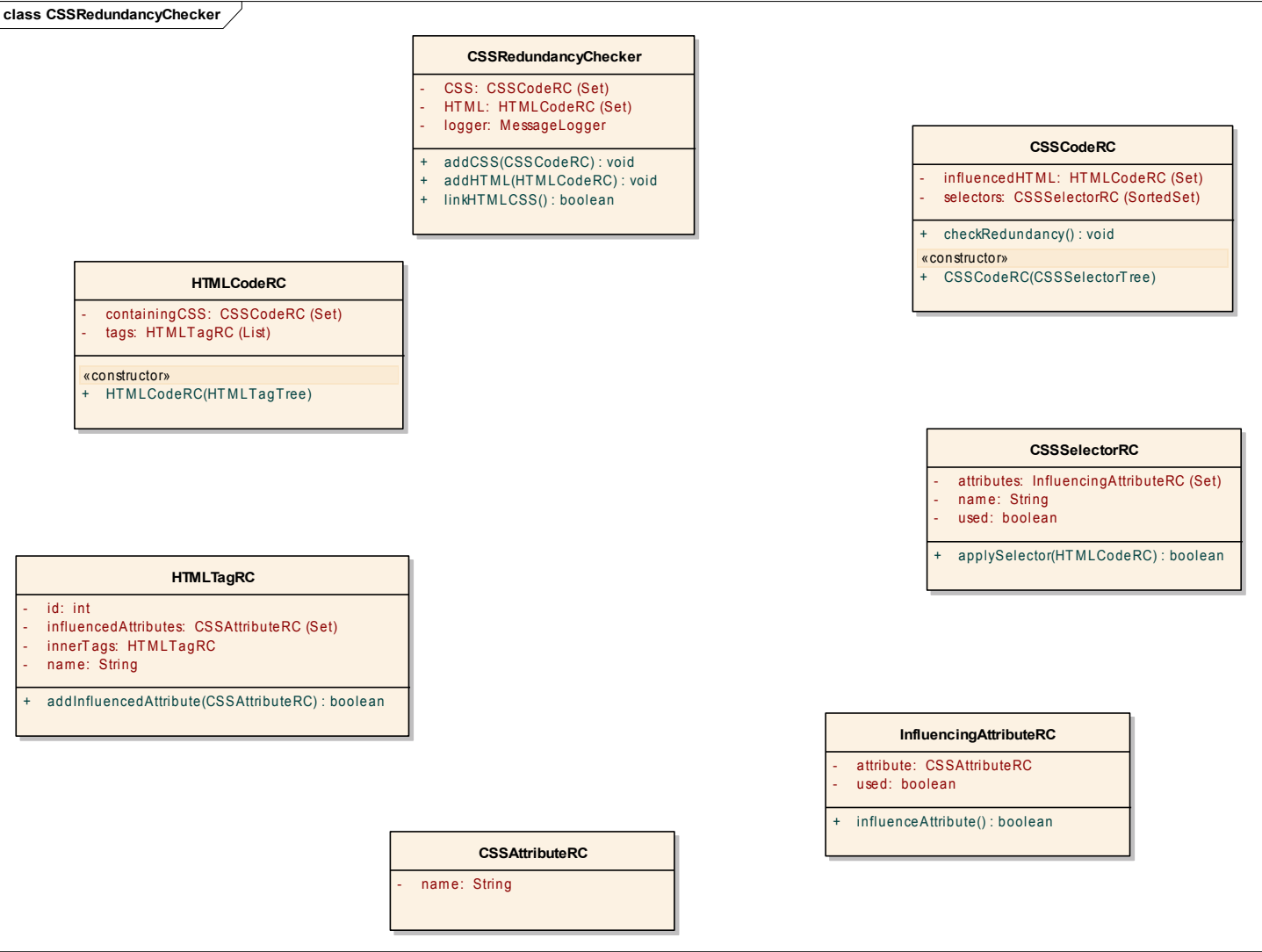
### Balíček "Utils"



Obrázek: 3

### Balíček "org.presentation.checker.utils"

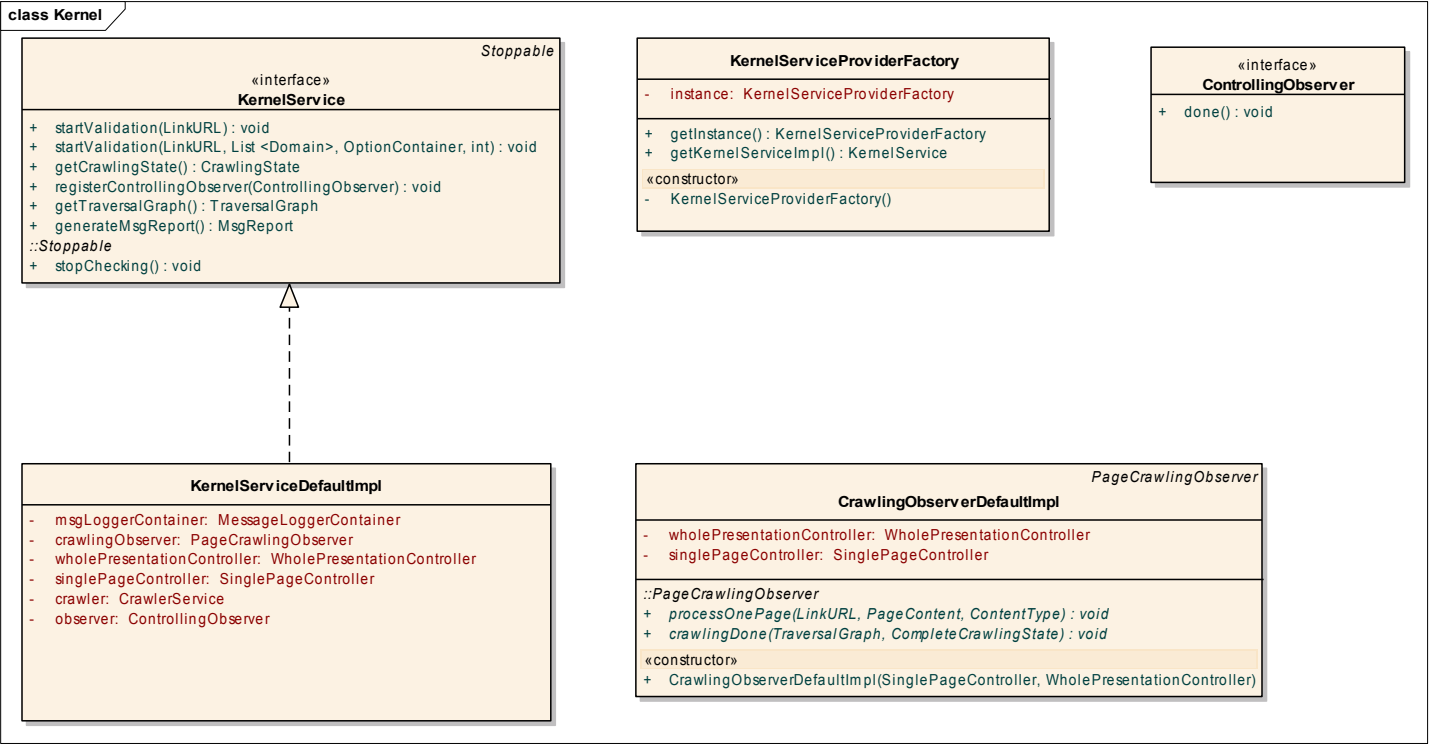
### Balíček "CSSRedundancyChecker"



Obrázek: 4

Balíček "org.presentation.checker.cssredundancychecker.impl"

Balíček "Kernel"



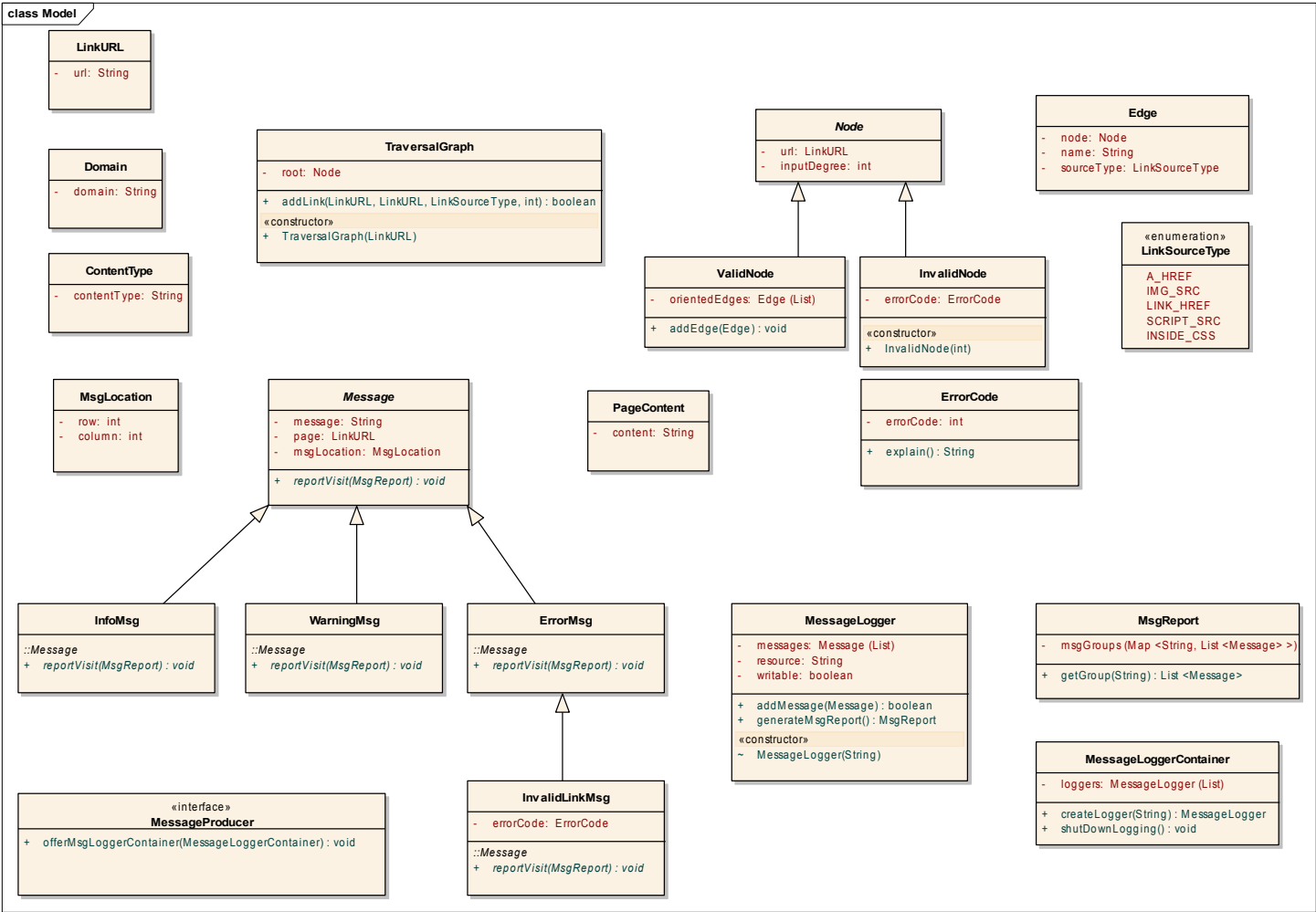
Obrázek: 5

Balíček "org.presentation.checker.kernel"

Balíček "org.presentation.checker.kernel.impl"

Balíček "Model"

Model classes which are used in almost every bundle.



Obrázek: 6

Balíček "org.presentation.checker.model"

Třída "Domain"

Model class for web domain description.

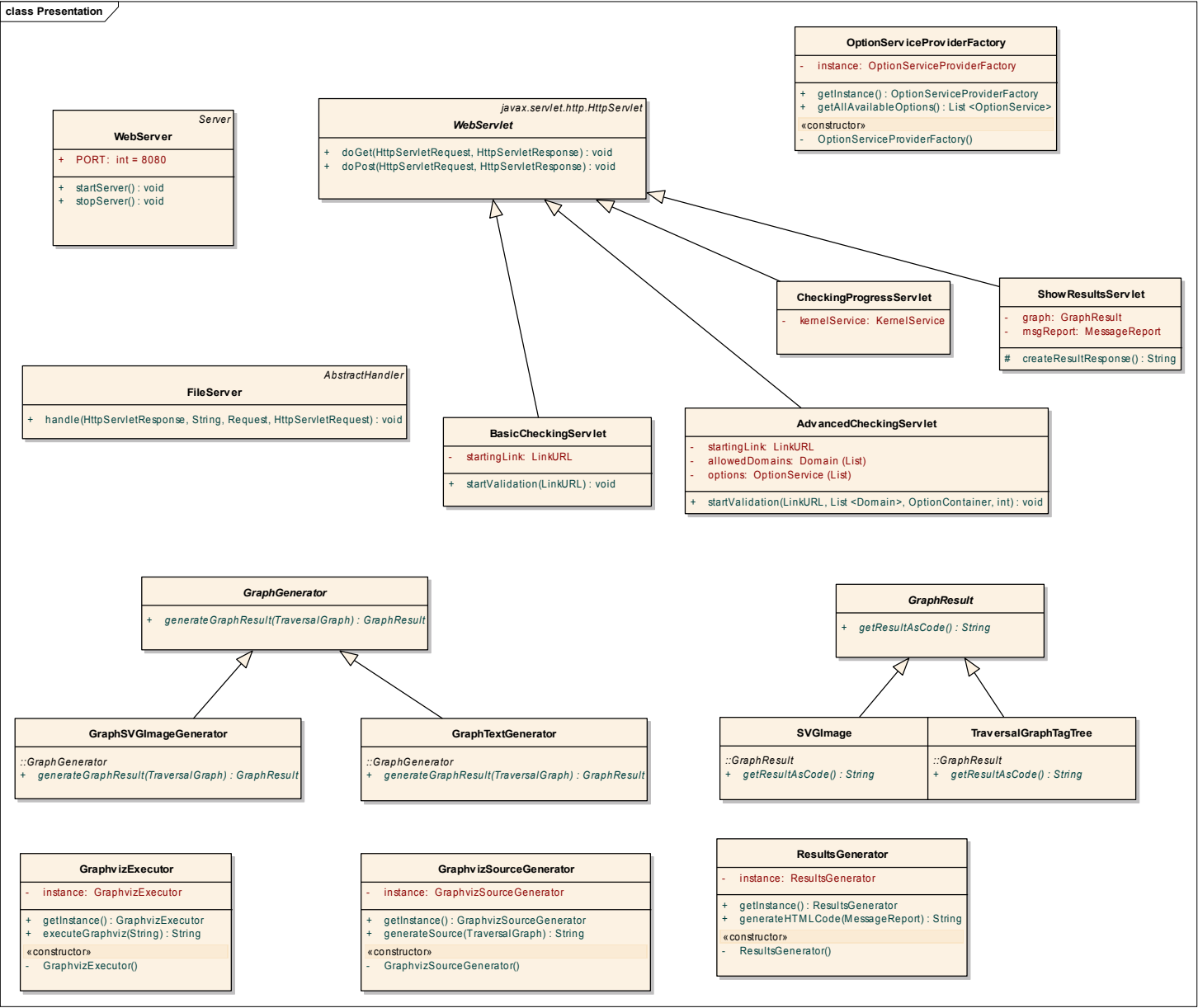
Atributy

Atributy	Datový typ	Poznámky
domain	String	

Balíček "org.presentation.checker.model.graph"

Balíček "org.presentation.checker.model.logging"

Balíček "Presentation"



Obrázek: 7

Balíček "org.presentation.checker.presentation"

Třída "ResultsGenerator"

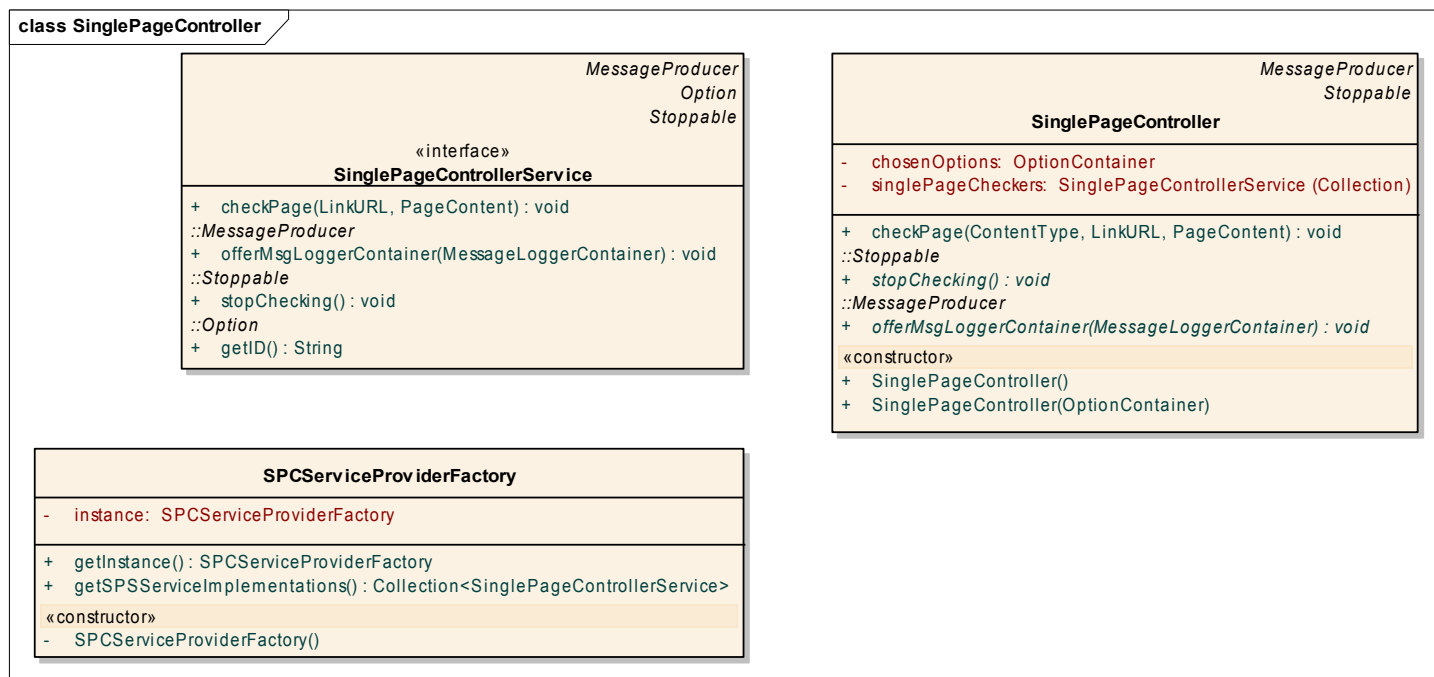
Generate results from MessageReport class.

Atributy

Atributy	Datový typ	Poznámky
----------	------------	----------

instance	ResultsGenerator	
Metody	Návratový typ	Poznámky
getInstance	False	Parametry:
generateHTMLCode	False	Parametry: •msgReport: MessageReport
ResultsGenerator	False	Public constructor is forbidden. Parametry:

## Balíček "SinglePageController"



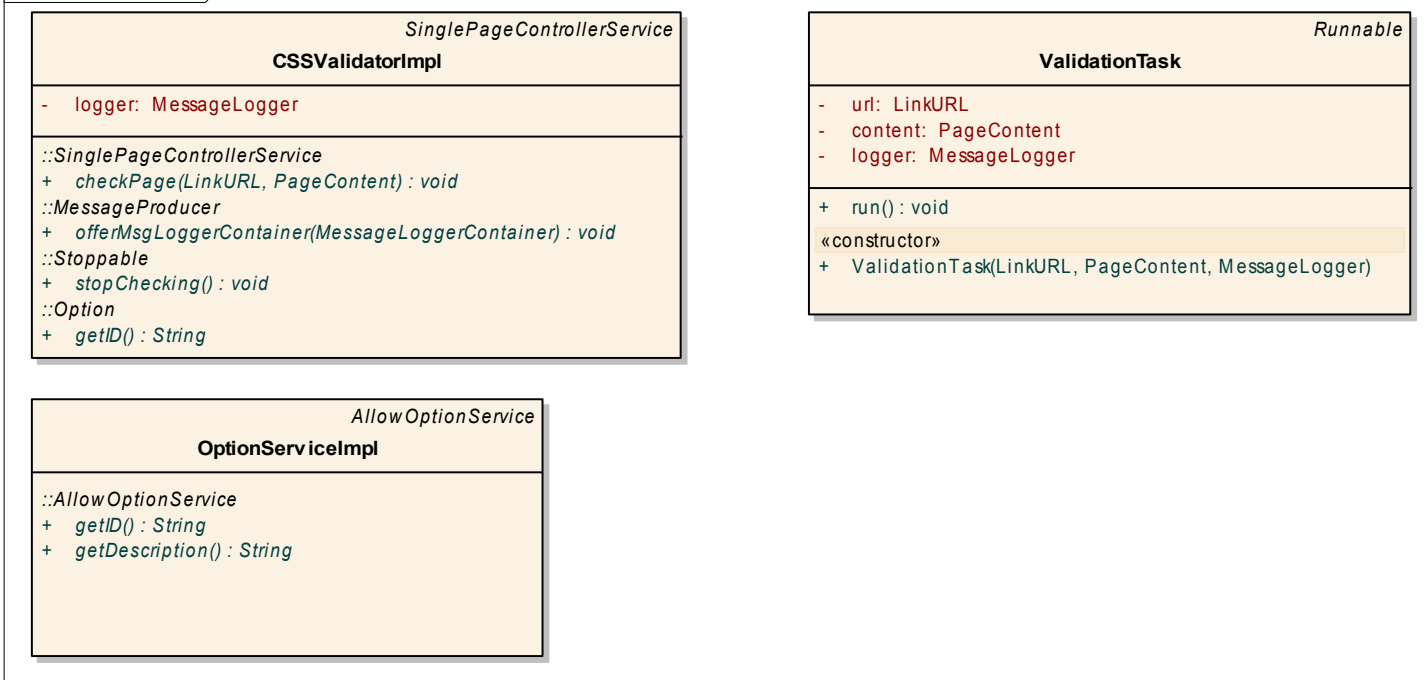
Obrázek: 8

## Balíček "org.presentation.checker.singlepagecontroller"

## Balíček "ValidatorCSS"



## class ValidatorCSS



Obrázek: 9

Balíček "org.presentation.checker.validatorcss"

Balíček "org.presentation.checker.validatorcss.impl"

### Třída "ValidationTask"

Use

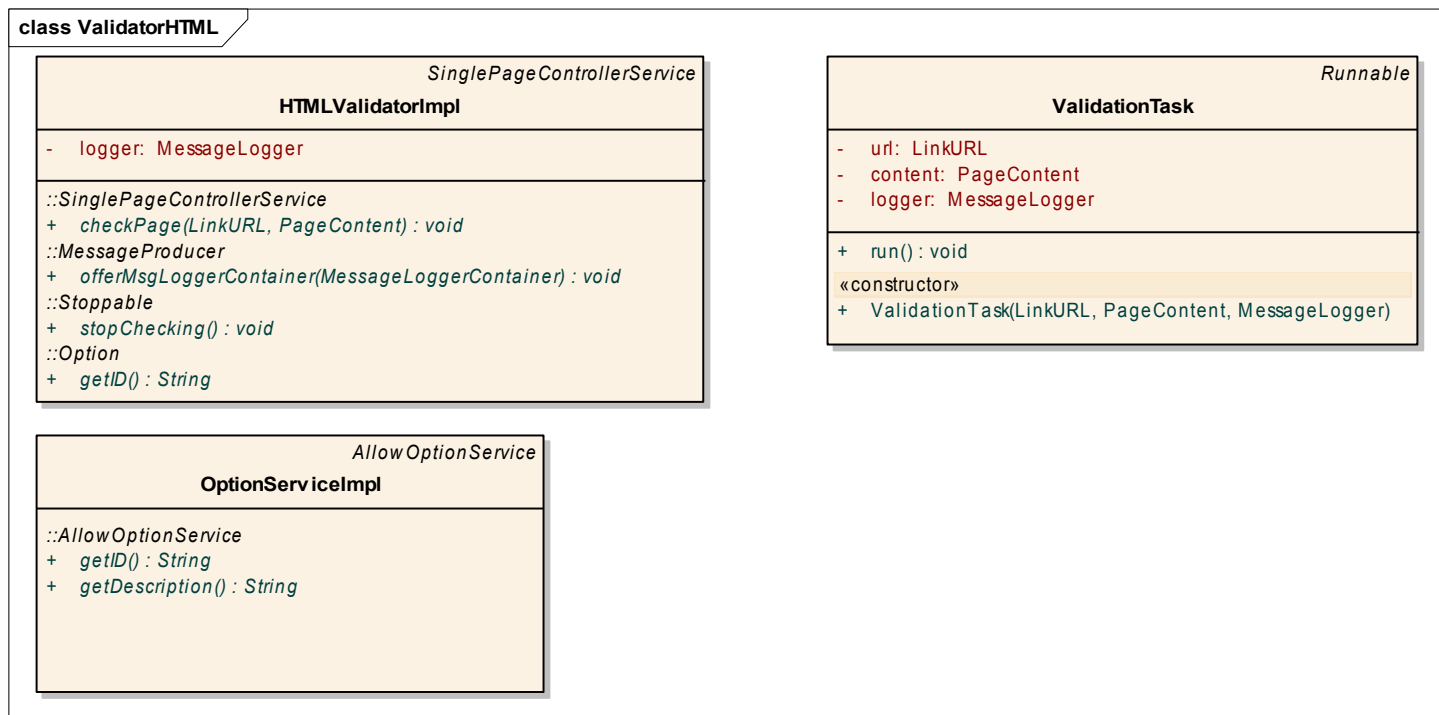
#### Atributy

Atributy	Datový typ	Poznámky
url	LinkURL	
content	PageContent	
logger	MessageLogger	

Metody	Návratový typ	Poznámky
ValidationTask	False	Parametry: •url: LinkURL  •content: PageContent  •logger: MessageLogger

run	False	Implementation for interface Runnable. Parametry:
-----	-------	--

## Balíček "ValidatorHTML"



Obrázek: 10

## Balíček "org.presentation.checker.validatorhtml"

## Balíček "org.presentation.checker.validatorhtml.impl"

### Třída "ValidationTask"

Use

#### Atributy

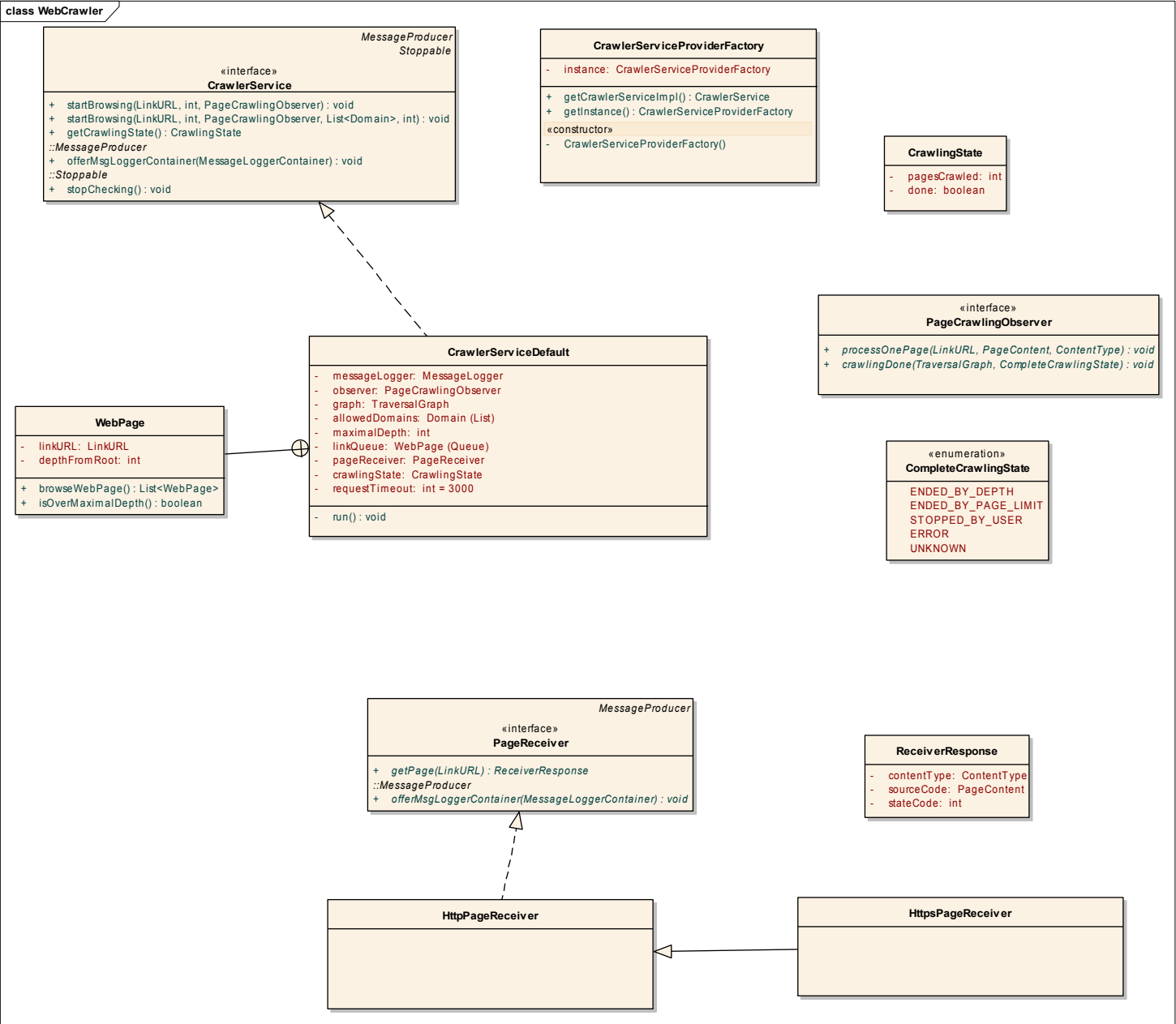
Atributy	Datový typ	Poznámky
url	LinkURL	
content	PageContent	
logger	MessageLogger	

Metody	Návratový typ	Poznámky
ValidationTask	False	Parametry:

		<ul style="list-style-type: none"><li>•<b>url:</b> LinkURL</li><li>•<b>content:</b> PageContent</li><li>•<b>logger:</b> MessageLogger</li></ul>
<b>run</b>	False	Implementation for interface Runnable. Parametry:

## Balíček "WebCrawler"

TODO -- linkchecker součástí



Obrázek: 11

Balíček "org.presentation.checker.crawler"

Třída "CrawlerServiceProviderFactory"

Singleton factory class for receiving CrawlerService implementation.

Atributy

Atributy	Datový typ	Poznámky
instance	CrawlerServiceP roviderFactory	

Metody	Návratový typ	Poznámky
<b>CrawlerServiceProviderFactory</b>	False	public constructor of this class is forbidden because the class should serve as singleton. Parametry:
<b>getCrawlerServiceImpl</b>	False	Getter for CrawlerService interface concrete implementation. Parametry:
<b>getInstance</b>	False	Returns singleton instance of class AbstractClientServiceFactory Parametry:

### ***Třída "CrawlerService"***

Interface for WebCrawler service. Every module, that want to serve as WebCrawler service provider must register implementation of this service to OSGi container.

Metody	Návratový typ	Poznámky
<b>startBrowsing</b>	False	Parametry: <ul style="list-style-type: none"> <li>•<b>url</b>: LinkURL</li> <li>•<b>maximalDepth</b>: int</li> <li>•<b>observer</b>: PageCrawlingObserver Observer object, into which the CrawlerService implementation will send its results.</li> </ul>
<b>startBrowsing</b>	False	Parametry: <ul style="list-style-type: none"> <li>•<b>url</b>: LinkURL</li> <li>•<b>maximalDepth</b>: int</li> <li>•<b>observer</b>: PageCrawlingObserver Observer object, into which the CrawlerService implementation will send its results.</li> <li>•<b>allowedDomains</b>: List&lt;Domain&gt;</li> <li>•<b>requestTimeout</b>: int</li> </ul>
<b>getCrawlingState</b>	False	Parametry:

## Balíček "org.presentation.checker.crawler.impl"

### Třída "CrawlerServiceDefault"

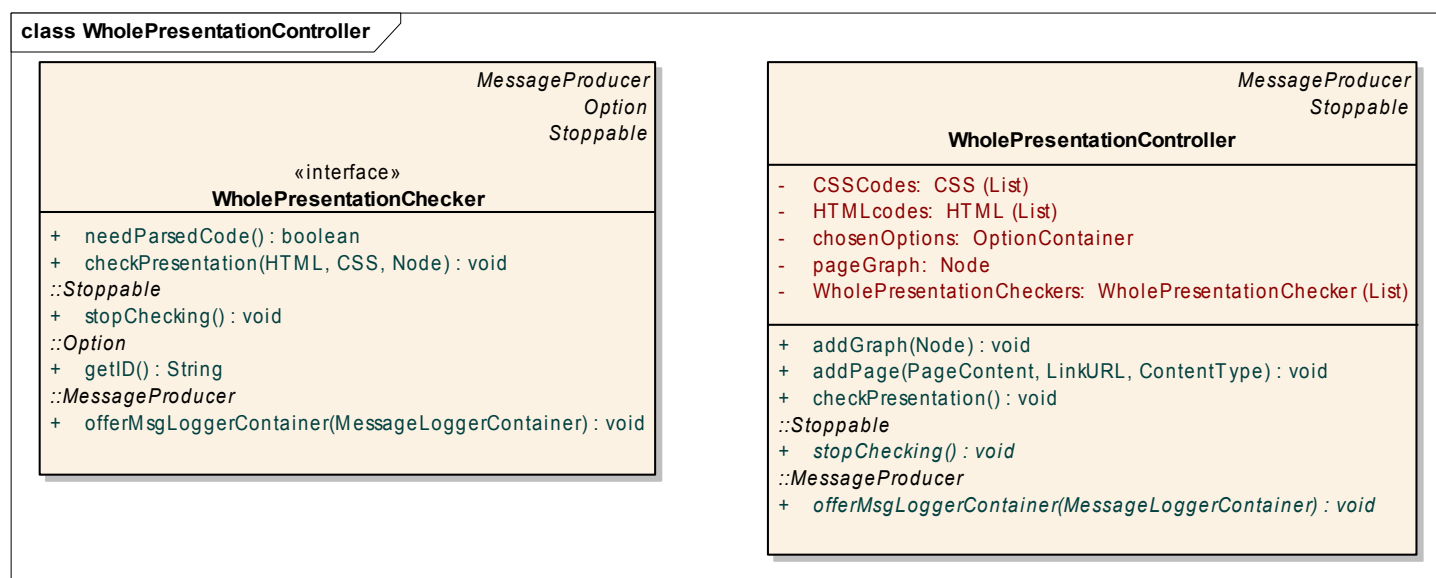
Default implementation of CrawlerService interface. This implementation will be used if no service provider is registered into OSGi container.

#### Atributy

Atributy	Datový typ	Poznámky
messageLogger	MessageLogger	This object is instantiated by registering into MessageLoggerContainer.
observer	PageCrawlingObserver	
graph	TraversalGraph	
allowedDomains	Domain	
maximalDepth	int	
linkQueue	WebPage	
pageReceiver	PageReceiver	
crawlingState	CrawlingState	
requestTimeout	int	Initial 3000 ms timeout between requests.

Metody	Návratový typ	Poznámky
run	False	Private method which will be called probably in new thread from method startBrowsing. Parametry:

## Balíček "WholePresentationController"



Obrázek: 12

**Balíček "org.presentation.checker.wholepresentationcontroller.impl"**