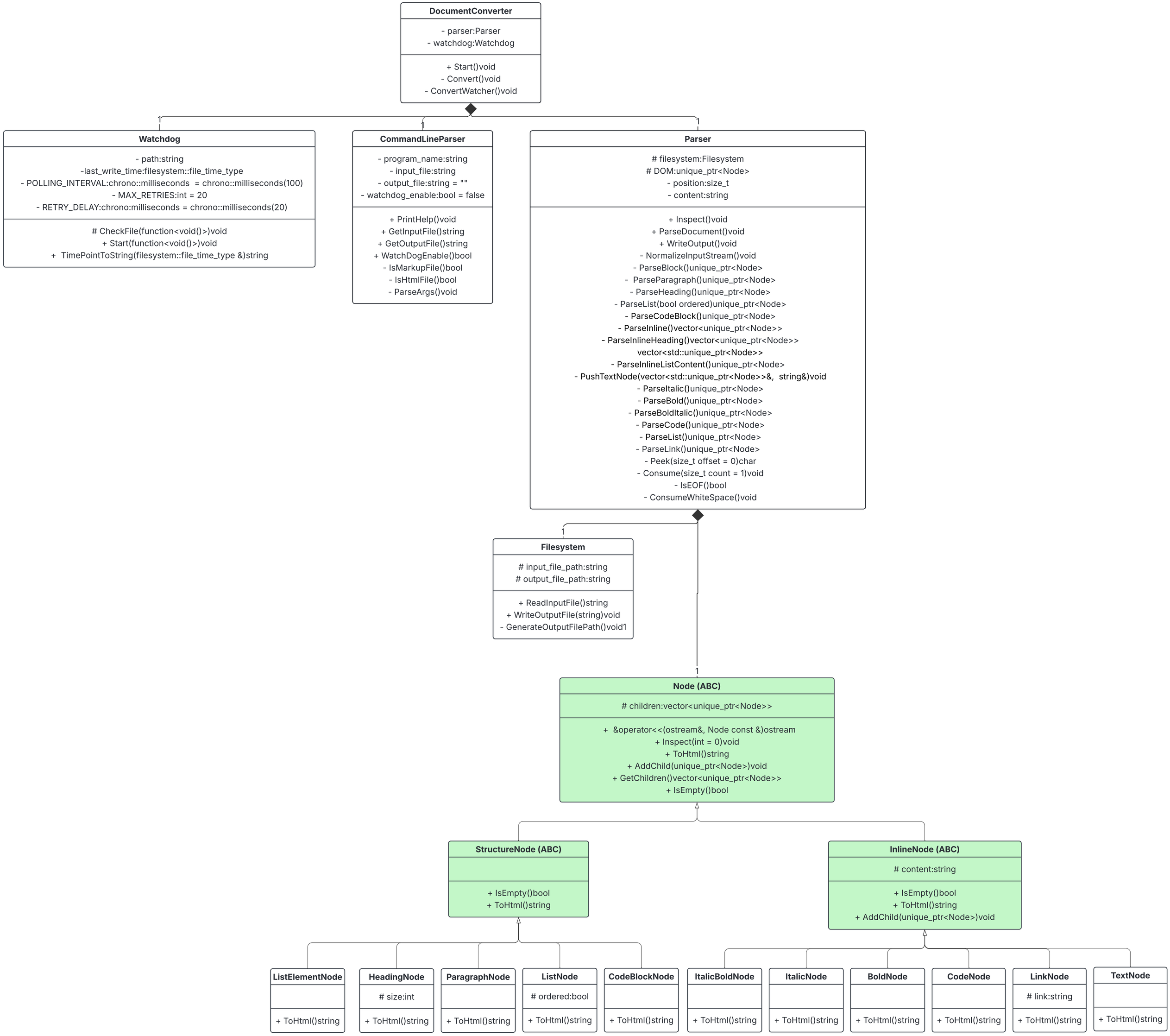
DocumentConverter
- parser:Parser
- watchdog:Watchdog
+ Start()void
- Convert()void
- ConvertWatcher()void
1
1
1
Watchdog
- path:string
-last_write_time:filesystem::file_time_type
- POLLING_INTERVAL:chrono::milliseconds = chrono::milliseconds(100)
- MAX_RETRIES:int = 20
- RETRY_DELAY:chrono:milliseconds = chrono::milliseconds(20)
CheckFile(function<void()>)void
+ Start(function<void()>)void
+ TimePointToString(filesystem::file_time_type &)string
CommandLineParser
- program_name:string
- input_file:string
- output_file:string = ""
- watchdog_enable:bool = false
+ PrintHelp()void
+ GetInputFile()string
+ GetOutputFile()string
+ WatchDogEnable()bool
- IsMarkupFile()bool
- IsHtmlFile()bool
- ParseArgs()void
Parser
filesystem:Filesystem
DOM:unique_ptr<Node>
- position:size_t
- content:string
+ Inspect()void
+ ParseDocument()void
+ WriteOutput()void
- NormalizeInputStream()void
- ParseBlock()unique_ptr<Node>
- ParseParagraph()unique_ptr<Node>
- ParseHeading()unique_ptr<Node>
- ParseList(bool ordered)unique_ptr<Node>
- ParseCodeBlock()unique_ptr<Node>
- ParseInline()vector<unique_ptr<Node>>
- ParseInlineHeading()vector<unique_ptr<Node>>
vector<std::unique_ptr<Node>>
- ParseInlineListContent()unique_ptr<Node>
- PushTextNode(vector<std::unique_ptr<Node>>&, string&)void
- ParseItalic()unique_ptr<Node>
- ParseBold()unique_ptr<Node>
- ParseBoldItalic()unique_ptr<Node>
- ParseCode()unique_ptr<Node>
- ParseList()unique_ptr<Node>
- ParseLink()unique_ptr<Node>
- Peek(size_t offset = 0)char
- Consume(size_t count = 1)void
- IsEOF()bool
- ConsumeWhiteSpace()void
1
1
Filesystem
input_file_path:string
output_file_path:string
+ ReadInputFile()string
+ WriteOutputFile(string)void
- GenerateOutputFilePath()void1
1
Node (ABC)
children:vector<unique_ptr<Node>>
+ &operator<<(ostream&, Node const &)ostream
+ Inspect(int = 0)void
+ ToHtml()string
+ AddChild(unique_ptr<Node>)void
+ GetChildren()vector<unique_ptr<Node>>
+ IsEmpty()bool
StructureNode (ABC)
+ IsEmpty()bool
+ ToHtml()string
InlineNode (ABC)
content:string
+ IsEmpty()bool
+ ToHtml()string
+ AddChild(unique_ptr<Node>)void
ListElementNode
+ ToHtml()string
HeadingNode
size:int
+ ToHtml()string
ParagraphNode
+ ToHtml()string
ListNode
ordered:bool
+ ToHtml()string
CodeBlockNode
+ ToHtml()string
ItalicBoldNode
+ ToHtml()string
ItalicNode
+ ToHtml()string
BoldNode
+ ToHtml()string
CodeNode
+ ToHtml()string
LinkNode
link:string
+ ToHtml()string
TextNode
+ ToHtml()string