## Word

### CRC

|  |  |
| --- | --- |
| Word | |
| Responsibilities  Contains a trigger and an executer for a Forth command | Collaborators  ForthInterpreter holds all the words |

### Description / Overview

A word contains a string that will trigger the executor for the word.

### Instance Variables

#### trigger

Data Type:String

A regular expression that will trigger this word.

#### match

Data Type:String

The string that the regular expression pulls from the trigger

#### executor

Data Type:ForthExecutor

A function interface that will execute the forth command on the stack or through the GameMaster

### Method Overview

*public Word(String trigger, ForthExecutor executor)*

*public boolean isTrigger(String command)*

*public void execute(String input)*

### Method Writeups

#### public Word(String trigger, ForthExecutor executor)

Creates a new Word and instantiates its fields.

#### public boolean isTrigger (String command)

Checks if the string is a trigger for the Word and sets the match if it is.

#### public void execute(String input)

Executes the executor corresponding to this word.