**System ‘Spam detect’**

**Version:** 0.1

**Title**: Spam detect interface

**Description**: Spam detect system can be used easily to detect whether an email is spam or non-spam based on its contents. The “spam” can refer to chain letter, advertisements for goods or websites, or make money fast schemes. The training dataset used for classification is from a popular and well-structured email spam classification dataset with some improvements or modification. The system evaluates 6 classification approach and finally choose j48 classifier which was evaluated as the best performance method to determine the classification.

**Depends**: R(>=3.3.1)

**Required Library**: stringr, RWeka, foreign, nnet, class

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## detect\_spam *detecting whether the email is spam or non-spam*

**Description**

Determine whether the content of email is classified as spam or non-spam.

**Usage**

detect\_spam(x)

**Argument**

x: input which contains the contents of an email.

**Examples**

detect\_spam(“hello John, please come to see me soon”)

#when the contents that need to be used are in a txt file stored in working directory:

data1<-readChar("spam1.txt",nchars=1e6)

detect\_spam(data1)