**Code Book**

The code book summarizes the data fields contained in tidy.txt

**Identifiers**

* subject - The ID of the test subject
* activity - The type of activity performed when the corresponding measurements were taken

**Measurements**

* tBodyAccMeanX
* tBodyAccMeanY
* tBodyAccMeanZ
* tBodyAccStdX
* tBodyAccStdY
* tBodyAccStdZ
* tGravityAccMeanX
* tGravityAccMeanY
* tGravityAccMeanZ
* tGravityAccStdX
* tGravityAccStdY
* tGravityAccStdZ
* tBodyAccJerkMeanX
* tBodyAccJerkMeanY
* tBodyAccJerkMeanZ
* tBodyAccJerkStdX
* tBodyAccJerkStdY
* tBodyAccJerkStdZ
* tBodyGyroMeanX
* tBodyGyroMeanY
* tBodyGyroMeanZ
* tBodyGyroStdX
* tBodyGyroStdY
* tBodyGyroStdZ
* tBodyGyroJerkMeanX
* tBodyGyroJerkMeanY
* tBodyGyroJerkMeanZ
* tBodyGyroJerkStdX
* tBodyGyroJerkStdY
* tBodyGyroJerkStdZ
* tBodyAccMagMean
* tBodyAccMagStd
* tGravityAccMagMean
* tGravityAccMagStd
* tBodyAccJerkMagMean
* tBodyAccJerkMagStd
* tBodyGyroMagMean
* tBodyGyroMagStd
* tBodyGyroJerkMagMean
* tBodyGyroJerkMagStd
* fBodyAccMeanX
* fBodyAccMeanY
* fBodyAccMeanZ
* fBodyAccStdX
* fBodyAccStdY
* fBodyAccStdZ
* fBodyAccMeanFreqX
* fBodyAccMeanFreqY
* fBodyAccMeanFreqZ
* fBodyAccJerkMeanX
* fBodyAccJerkMeanY
* fBodyAccJerkMeanZ
* fBodyAccJerkStdX
* fBodyAccJerkStdY
* fBodyAccJerkStdZ
* fBodyAccJerkMeanFreqX
* fBodyAccJerkMeanFreqY
* fBodyAccJerkMeanFreqZ
* fBodyGyroMeanX
* fBodyGyroMeanY
* fBodyGyroMeanZ
* fBodyGyroStdX
* fBodyGyroStdY
* fBodyGyroStdZ
* fBodyGyroMeanFreqX
* fBodyGyroMeanFreqY
* fBodyGyroMeanFreqZ
* fBodyAccMagMean
* fBodyAccMagStd
* fBodyAccMagMeanFreq
* fBodyBodyAccJerkMagMean
* fBodyBodyAccJerkMagStd
* fBodyBodyAccJerkMagMeanFreq
* fBodyBodyGyroMagMean
* fBodyBodyGyroMagStd
* fBodyBodyGyroMagMeanFreq
* fBodyBodyGyroJerkMagMean
* fBodyBodyGyroJerkMagStd
* fBodyBodyGyroJerkMagMeanFreq

**Activity Labels**

* WALKING (value 1): subject was walking during the test
* WALKING\_UPSTAIRS (value 2): subject was walking up a staircase during the test
* WALKING\_DOWNSTAIRS (value 3): subject was walking down a staircase during the test
* SITTING (value 4): subject was sitting during the test
* STANDING (value 5): subject was standing during the test
* LAYING (value 6): subject was laying down during the test