**Code Book**

This code book summarizes the resulting data fields 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