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