

## Codebook

### 1. File name:

activity\_subject\_averages.~~txt~~

### 2. File format:

Tab-separated

### 3. Created by:

run-analysis.R (R-script)

### 4. Features:

The file is created by extracting from the full (test and training merged) Samsung dataset only the measurements on the mean and standard deviation for each numeric feature. The resulting dataset has been split by subject and activity and the average calculated for each feature.

### 5. Feature naming convention:

Features are named by adding the "-ave" suffix to the corresponding original feature name, like "tBodyAcc-mean()-X-ave", "tBodyAcc-std()-X-ave", "fBodyBodyGyroMag-meanFreq()-ave" etc.