Code Book

`indices`

Numeric vector of mean column indices followed by std column indices

`featurenames`

The result of reading in the feature names from file

`select_features`

Selected features from featurenames by values in indices

`data`

training data is read into it then added to them test data and two columns are added to it for subject and activity

`test_data`

Temporary variable for reading in test data before adding them to data .

`subjects`

Numeric vector of subject ids extracted for subjects participating in training data and subjects for test data are added to it later on.

`test_subjects`

Temporary numeric vector of IDs for subjects corresponding to test data.

`labels`

Reads in activity labels for each observation in training data and added to it test data. At first it is a numeric vector as read from the data file but then the values of activity 1-6 are mapped to their corresponding names and the vector becomes a vector of type factor.

`test_labels`

Temporary variable of numeric vector denoting activity assignments to each observation in test data.

`activity_labels`

Holds data read as mappings of activity labels from number to name.