

# Sift Documentation Overview

| Sift Overview                   |                                     | Application                     |                     |
|---------------------------------|-------------------------------------|---------------------------------|---------------------|
| Installation                    | Directory Structure for Input Data  | Load Page                       | Application Toolbar |
| Getting Started                 | Data Types in Sift                  | Explore Page                    | General Options     |
| Tutorials                       | Knowledge Discovery in Sift         | Explore Page: Plot Controls     | Data Options        |
| Release Notes                   | Sift Command Line                   | Analyse Page                    | Plot Options        |
| Directory Watchers (Automation) |                                     |                                 |                     |
| Dialog Windows                  |                                     | Analysis and Normal Databases   |                     |
| Load Library                    | Animation Dialog                    | Run V3D Engine                  | Update CMZs         |
| Plot Legend                     | Video Dialog                        | Building Normal Databases (NDs) |                     |
| Colour Dialog                   | Export Results                      | Build ND Dialog                 |                     |
| Query Builder                   | Export Graphs                       | Query ND Dialog                 |                     |
| Principal Component Analysis    |                                     | Statistical Parametric Mapping  |                     |
| PCA in Biomechanics             | Outlier Detection with PCA          | SPM in Biomechanics             |                     |
| The Math of PCA                 | Mahalanobis Distance and SPE Dialog | Curve Registration              |                     |
| Run PCA Dialog                  | Local Outlier Factor Dialog         | Create GLM                      |                     |
|                                 | K-Means Dialog                      | Create SPM                      |                     |
| Gait Measures                   |                                     | Other Analytical Techniques     |                     |
| Global Gait Asymmetry (GGA)     | Gait Profile Score (GPS)            | Dynamic Time Warping            |                     |
| Calculate GGA Dialog            | Calculate GPS Dialog                |                                 |                     |

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