Vignettes accompanying package hyperSpec

Introduction: User manual written from a spectroscopist's point of view
pdf: pdf/introduction.pdf,
source: src/introduction.Rnw

FileIO: Detailed discussion of import and export of spectra files
pdf: pdf/FileIO.pdf,
source: http://hyperspec.r-forge.r-project.org/FileIO.zip

Plotting: graphical manual: example plots together with the code to produce the plots
pdf: pdf/plotting.pdf,
source: src/plotting.Rnw

Example work-flow data set `flu`: calibration of quinine fluorescence emission

- custom import functions for ASCII file formats
- calibration: spectral data plus 1 column with meta information

pdf: pdf/flu.pdf,
source: src/flu.Rnw

Example work-flow data set `chondro`: Raman map of chondrocytes in cartilage

- spectral pre-processing
- principal component analysis, cluster analysis
- working with laterally resolved spectra: spectral data plus 2 columns with meta information

pdf: pdf/chondrocytes.pdf,
source: http://hyperspec.r-forge.r-project.org/chondrocytes.zip

Example work-flow data set `laser`: Unstable Laser Emission

- time series: spectral data plus 1 column with meta information
- conversion of the spectral abscissa
- 3d plotting with *rgl*

pdf: pdf/laser.pdf,
source: src/laser.Rnw

baselinebelow: explanation of the baseline fitting technique used by `spc.fit.poly.below`
pdf: pdf/baseline.pdf,
source: src/baseline.Rnw

The vignette sources' installation directory on your system can be found with:
```
> system.file ("doc/src", package = "hyperSpec")
```
Further definitions shared by all vignettes are in src/vignettes.defs, and raw data files are in src/rawdata/.