**CRF package documentation**

Package Hierarchy:

**mycrf –** This is the whole package

**mycrf.common** – This sub-package contains classes that are used throughout the package.

**mycrf.crfmodel** – This sub-package contains abstract and concrete classes that represent the CRF model.

**mycrf.fieldonly** – This sub-package contains the definition of the feature functions.

**mycrf.globaldata** – This sub-package contains classes that hold global data about the package, such as the list of labels.

**mycrf.graph** – This sub-package contains abstract and concrete classes that define the graphs that are used for training.

**mycrf.map** – This sub-package contains the MAP predictor class.

**mycrf.math** – This sub-package contains classes that are used in the package to represent big numbers and vectors.

**mycrf.optimization** – This sub-package contains the classes used to optimize the objective function for the CRF.

**myutils –** This package contains some utility classes used by mycrf package.

**sl –** This package contains classes for parsing fields, and extracting features from them. It is used to extract features from new examples added to the model.