```
CDA::EMData<T>
+ data
+ EMData()
+ EMData()
+ getData()
+ getData()
+ getData()
+ getNumberOfDataPoints()
+ appendData()
+ clear()
              < fvector_t >
CDA::EMData< fvector_t >
+ data
+ EMData()
                                         theta_T
                                                           data_T
+ EMData()
+ getData()
+ getData()
+ getData()
+ getNumberOfDataPoints()
+ appendData()
+ clear()
                                                   m_theta
                                                               m data
                                                 CDA::EM< data_T, theta_T >
                                                 # m_data
                                                 # m_theta
                                                 + EM()
                                                 + EM()
                                                 + getHiddenParamEstimate()
                                                 + EMrun()
   CDA::VectorEMData
                                                 + dumpParameters()
# D
                                                 + getCSVHeader()
                                                 + setTheta()
+ VectorEMData()
                                     m_theta
                                                 + className()
+ VectorEMData()
                                                 + getN()
+ getDataDimensionality()
                                                 # getDataObj()
+ getD()
                                                 # getDataObj()
                                                 # getThetaObj()
                                                 # getThetaObj()
                                                 # EMstep()
                                                 # update_hidden()
                                                 # update_thetas()
                                                 # logLikelihood()
                                                 # setData()
                                                < VectorEMData, theta_T >
                        m_data
                                                           CDA::FitMulticlassByEM< data_T, theta_T >
                CDA::EM< VectorEMData, theta_T >
                                                           # K
                # m_data
                                                           # classif
                # m_theta
                                                           + FitMulticlassByEM()
                + EM()
                                                           + dumpParameters()
                + EM()
                                                           + dumpParameters()
                + getHiddenParamEstimate()
                                                           + getParam()
                + EMrun()
                                                           + getCSVHeader()
                + dumpParameters()
                                                           + logLikelihood()
                + getCSVHeader()
                                                           + getHiddenParamEstimate()
                + setTheta()
                                                           + getK()
                + className()
                                                           + getBestClass()
                + getN()
                                                           + getClassifList()
                # getDataObj()
                                                           + getClassif()
                # getDataObj()
                                                           + getClassif()
                # getThetaObj()
                                                           + getPk()
                # getThetaObj()
                                                           + setData()
                # EMstep()
                                                           + className()
                # update_hidden()
                                                           + initClassif()
                # update_thetas()
                                                           + evalPDF()
                # logLikelihood()
                                                           # getModifyClassif()
                # setData()
                                                           # update_hidden()
                                                                       VectorEMData, theta_T >
                                     CDA::FitMulticlassByEM< VectorEMData, theta_T >
                                     # K
                                     # classif
                                     + FitMulticlassByEM()
                                     + dumpParameters()
                                     + dumpParameters()
                                     + getParam()
                                     + getCSVHeader()
                                     + logLikelihood()
                                     + getHiddenParamEstimate()
                                     + getK()
                                     + getBestClass()
                                     + getClassifList()
                                     + getClassif()
                                     + getClassif()
                                     + getPk()
                                     + setData()
                                     + className()
                                     + initClassif()
                                     + evalPDF()
                                     # getModifyClassif()
                                     # update_hidden()
                                       CDA::FitMultivariateMulticlassByEM< theta_T >
                                       + FitMultivariateMulticlassByEM()
                                       + getD()
                                       CDA::EMGenericMixtureModelCore< theta T >
                                       #P
                                       + EMGenericMixtureModelCore()
                                       + evalPDF()
                                       + className()
                                       + paramName()
                                       + getCSVHeader()
                                       + getP()
                                       # update_thetas()
                                       # improveClusterModelParameters()
```