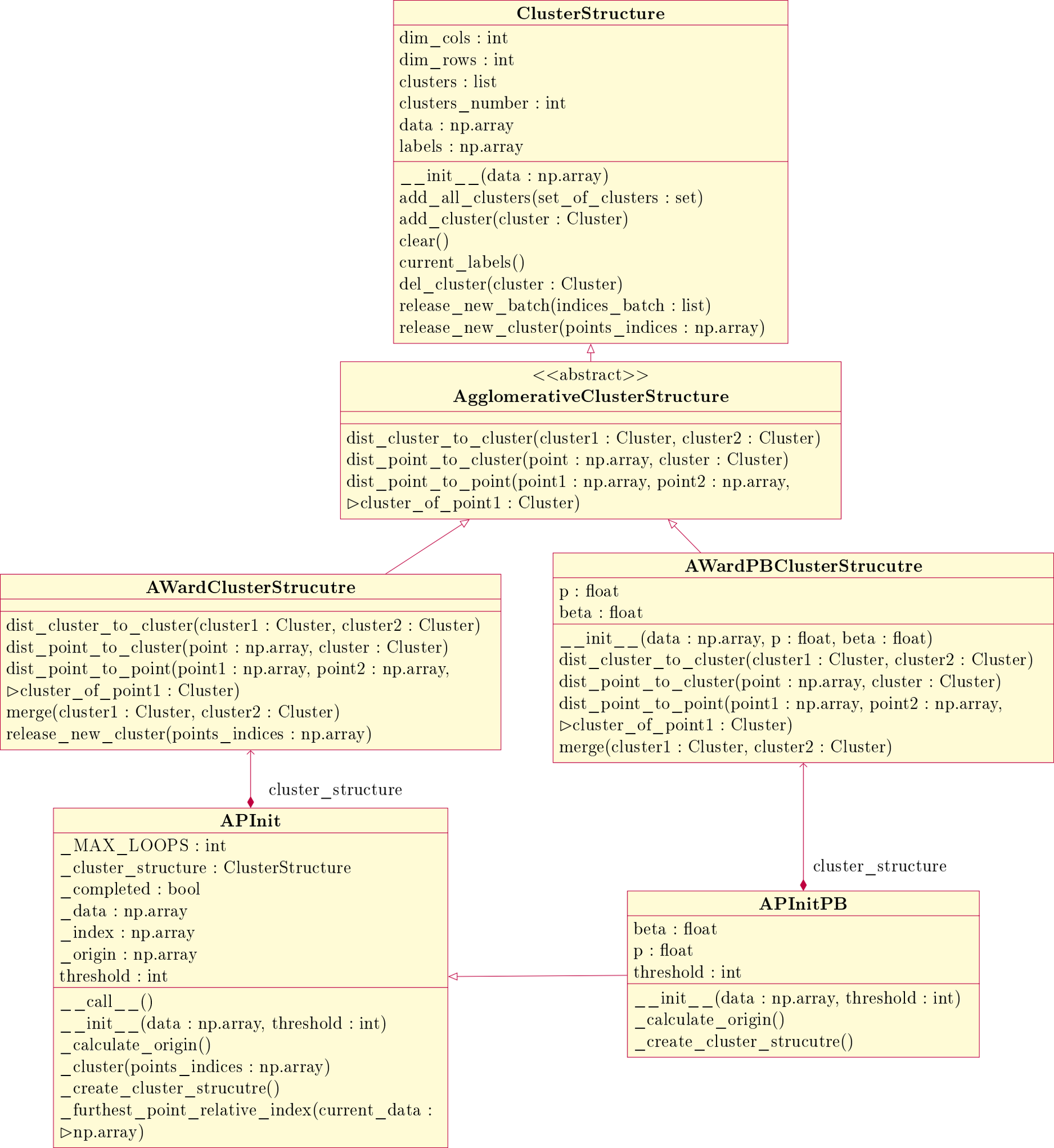
ClusterStructure
dim_cols : int
dim_rows : int
clusters : list
clusters_number : int
data : np.array
labels : np.array
__init__(data : np.array)
add_all_clusters(set_of_clusters : set)
add_cluster(cluster : Cluster)
clear()
current_labels()
del_cluster(cluster : Cluster)
release_new_batch(indices_batch : list)
release_new_cluster(points_indices : np.array)
<<abstract>>
AgglomerativeClusterStructure
dist_cluster_to_cluster(cluster1 : Cluster, cluster2 : Cluster)
dist_point_to_cluster(point : np.array, cluster : Cluster)
dist_point_to_point(point1 : np.array, point2 : np.array,
▷cluster_of_point1 : Cluster)
AWardClusterStrucutre
dist_cluster_to_cluster(cluster1 : Cluster, cluster2 : Cluster)
dist_point_to_cluster(point : np.array, cluster : Cluster)
dist_point_to_point(point1 : np.array, point2 : np.array,
▷cluster_of_point1 : Cluster)
merge(cluster1 : Cluster, cluster2 : Cluster)
release_new_cluster(points_indices : np.array)
AWardPBClusterStrucutre
p : float
beta : float
__init__(data : np.array, p : float, beta : float)
dist_cluster_to_cluster(cluster1 : Cluster, cluster2 : Cluster)
dist_point_to_cluster(point : np.array, cluster : Cluster)
dist_point_to_point(point1 : np.array, point2 : np.array,
▷cluster_of_point1 : Cluster)
merge(cluster1 : Cluster, cluster2 : Cluster)
cluster_structure
cluster_structure
APInit
_MAX_LOOPS : int
_cluster_structure : ClusterStructure
_completed : bool
_data : np.array
_index : np.array
_origin : np.array
threshold : int
__call__()
__init__(data : np.array, threshold : int)
_calculate_origin()
_cluster(points_indices : np.array)
_create_cluster_strucutre()
_furthest_point_relative_index(current_data :
▷np.array)
APInitPB
beta : float
p : float
threshold : int
__init__(data : np.array, threshold : int)
_calculate_origin()
_create_cluster_strucutre()