MODEL VIEW CONTROLLER

* View
  + Activity\_main\_menu
  + Activity\_maps
  + Activity\_media\_menu
  + Activity\_now\_trending
  + Activity\_saved\_routes
  + Activity\_splash
  + Drawer\_list\_item
  + List\_item
  + Media\_audio\_files
  + Media\_docu\_files
  + Media\_photos\_files
  + Media\_single\_place
  + **Places**
    - **GooglePlaces**
      * HttpTransport HTTP\_TRANSPORT
      * String API\_KEY
      * String PLACES\_SEARCH\_URL
      * String PLACES\_TEXT\_SEARCH\_URL
      * String PLACES\_DETAILS\_URL
      * String PLACES\_WEB\_URL
      * Double \_latitude
      * Double \_longitude
      * Double \_radius
      * HttpRequest request
      * search(double latitude, double longitude, double radius, String types)
      * getPlaceDetails(String reference)
      * createRequestFactory(final HttpTransport transport)
    - **Place**
      * String placeId
      * String name
      * String formatted\_address
      * String email
      * String formatted\_phone\_number
      * String hours
      * String url
      * String description
      * String audioPath
      * String imagePath
      * String docuPath
      * Geometry geometry
      * String dateCreated
      * toString()
      * class Geometry
        + Location location
      * class Location
        + double lat
        + double lng
    - **PlaceDetails**
      * String status
      * Place result
      * toString()
    - **PlaceList**
      * String status
      * List<Place> results
* Model
  + **MainMenu**
    - onCreate()
    - onPostCreate()
    - goToSite()
    - goToUrl()
  + **MapsActivity**
    - GoogleMap historyMap
    - MarkerOptions markerOptions
    - LatLng latlng
    - EditText mapSearchBox
    - Boolean inInternetPresent
    - ConnectionManager conMgr
    - AlertDialogManager alert
    - PlaceList nearPlaces
    - GooglePlaces googlePlaces
    - GPSTracker gps
    - ArrayList<HashMap<String,String>> placesList
    - String KEY\_REFERENCE
    - String KEY\_NAME
    - onCreate()
    - onResume()
    - setUpMapIfNeeded()
    - onMyLocationChange(Location location )
    - Public Class SearchClicked
      * String toSearch
      * Address address
      * SeachClicked(toSearch)
      * doInBackground
    - GeoCoderTask
      * doInBackground()
      * onPostExecute(List<Address> addresses)
  + **MediaActivity**
    - ActionBar actionBar
    - TabsPagerAdapter mAdapter
    - ViewPager viewPager
    - String url
    - String[] tabs
    - onCreate()
    - onCreateOptionsMenu (Menu menu)
    - onOptionsItemSelected (MenuItem item)
    - onTabReselected()
    - onTabSelected()
    - onTabUnselected()
  + **MediaAudioFilesActivity**
    - String url
    - GooglePlaces googlePlaces
    - PlaceList nearPlaces
    - ProgressDialog pDialog
    - AlertDialogManager alert
    - GPSTracker gps
    - Array<HashMap<String, String>> placesListItem
    - String KEY\_REFERENCE
    - String KEY\_NAME
    - onCreateView()
    - onCreate()
    - class LoadPlaces
      * onPreExecute()
      * doInBackground()
      * onPostExecute()
  + **MediaDocuFilesActivity**
    - String url
    - GooglePlaces googlePlaces
    - PlaceList nearPlaces
    - ProgressDialog pDialog
    - AlertDialogManager alert
    - GPSTracker gps
    - Array<HashMap<String, String>> placesListItem
    - String KEY\_REFERENCE
    - String KEY\_NAME
    - onCreateView()
    - onCreate()
    - class LoadPlaces
      * onPreExecute()
      * doInBackground()
      * onPostExecute()
  + **MediaPhotoFilesActivity**
    - String url
    - GooglePlaces googlePlaces
    - PlaceList nearPlaces
    - ProgressDialog pDialog
    - AlertDialogManager alert
    - GPSTracker gps
    - Array<HashMap<String, String>> placesListItem
    - String KEY\_REFERENCE
    - String KEY\_NAME
    - onCreateView()
    - onCreate()
    - class LoadPlaces
      * onPreExecute()
      * doInBackground()
      * onPostExecute()
  + **SavedRoutes**
    - ActionBarDrawerToggle mDrawerToggle
    - DrawerLayout mDrawerLayout
    - ListView mDrawerList
    - String[] mDrawerTitles
    - CharSequence mTitle
    - Charsequence mDrawerTitle
    - onCreate()
    - onCreateOptionsMenu()
    - class DrawerItemClickListener
      * onItemClick()
    - selectItem(int postion)
    - setTitle(CharSequence title)
    - onPostCreate()
    - onConfrigurationChanged()
    - onOptionsItemSelected()
  + **Splash**
    - Int SLASH\_TIME\_OUT
    - onCreate()
    - onPostCreate()
  + **TrendingActivity**
    - ActionBarDrawerToggle mDrawerToggle
    - DrawerLayout mDrawerLayout
    - ListView mDrawerList
    - String[] mDrawerTitles
    - CharSequence mTitle
    - Charsequence mDrawerTitle
    - onCreate()
    - onCreateOptionsMenu()
    - class DrawerItemClickListener
      * onItemClick()
    - selectItem(int postion)
    - setTitle(CharSequence title)
    - onPostCreate()
    - onConfrigurationChanged()
    - onOptionsItemSelected()
  + **SinglePlaceActivity**
    - Boolean isInternetPresent
    - ConnectionManager connMgr
    - AlertDialogManager alert
    - GooglePlaces googlePlaces
    - PlaceDetails placeDetails
    - ProgressDialog pDialog
    - String KEY\_REFERENCE
    - onCreate()
    - Class LoadSinglePlaceDetails
      * onPreExecute()
      * doInBackground()
      * onPostExecute()
* Controller
  + **Adapter**
    - **TabsPagerAdapter**
      * TabsPagerAdapter(FragmentManager fm)
      * getItem(int index)
      * getCount()
  + **Controllers**
    - **AlertDialogManager**
      * showAlertDialog()
    - **ConnectionManager**
      * Context \_context
      * isConnectingToInterent()
    - **GPSTracker**
      * Context mContext
      * GoogleMap historyMap
      * Boolean isGPSEnabled
      * Boolean isNetworkEnabled
      * Boolean canGetLocation
      * Location location
      * Double latitude
      * Double longitude
      * Long MIN\_DISTANCE\_CHANGE\_FOR\_UPDATES
      * Long MIN\_TIME\_BW\_UPDATES
      * LocationManager locationManager
      * GPSTracker(Context context)
      * Location getLocation()
      * stopUsingGPS()
      * getLatitude()
      * getLongitude()
      * canGetLocation()
      * showSettingsAlert()
      * onLocationChanged()
      * onProviderDisabled()
      * onProviderEnabled()
      * onStatusChanged()
      * onBind()
    - **TabListener**
      * Fragment mFragment
      * Activity mActivity
      * String mTag
      * Class<T> mClass
      * TabListener(Activity activity, String tag, Class<T> clz)
      * onTabSelected()
      * onTabUnselected()
      * onTabReselected()
  + **Parser**
    - **JSONParser**
      * InputStream iStream
      * JSONArray jarray
      * String json
      * JSONParser()
      * getJSONFromURL()