utils

MapUtils

- -MY_USER_AGENT : String = "foot"
- -editTextEndPoint : EditText
- -editTextStartPoint : EditText
- -map : MapView
- -activity : Activity
- -iMapController : IMapController
- -insertPoints : ArrayList<GeoPoint>
- -lastMarkers : Marker
- -firstMarker : Marker
- -roadOverlay : Polyline
- -supportFragmentManager : FragmentManager
- <<Property>> -region : String
- <<Property>> -country : String
- -idPath : int
- -FIRST_ELEMENT_INDEX : int = 0
- -locationManager : LocationManager
- -HANDLER_DELAY : int = 1000 * 60 * 5
- -START_HANDLER_DELAY : int = 0
- -GPS_TIME_INTERVAL : int = 1000 * 60 * 5
- -GPS_DISTANCE : int = 1000
- -road : Road
- -TAG : String = "MapUtils"
- -PointsOfInterst : Sights = new ArrayList<>()
- -sights : Sights

- +MapUtils(map : MapView, activity : Activity)
- +setupMapWithOutPosition() : void
- +MapUtils(map : MapView, activity : Activity, editTextStartPoint : EditText, editTextEndPoint : EditText)
- +MapUtils(activity : Activity)
- -setupMap() : void
- -setCenterOfMap() : void
- +getPathPoints() : ArrayList<GeoPoint>
- -setCenter(location : Location) : void
- +enableInsertPoint() : void
- -updatePath(insertPoints : ArrayList<GeoPoint>) : void
- -getPointsFromJSON(percorsoGeografico : JSONArray) : ArrayList<GeoPoint>
- +showPath(path : NaPath, activity : Activity) : void
- -showSights(sights : ArrayList<Sights>) : void
- -showRoad(insertPoints : ArrayList<GeoPoint>) : void
- +back() : void
- -clearRoad() : void
- -clearAllMap() : void
- -addStartMarker(startPoint : GeoPoint) : void
- -addEndMarker(lastPoint : GeoPoint) : void
- -setEditTextEndPointFromCoordinatesPoint(point : GeoPoint) : void
- -setEditTextStartPointFromCoordinatesPoint(point : GeoPoint) : void
- -getAddressNameFromCoordinatesPoint(point : GeoPoint) : String
- +getCountryFromCoordinates(point : GeoPoint) : String
- +getRegionFromCoordinates(point : GeoPoint) : String
- +findPathFromTwoAddressName(startPointAddress : String, endPointAddress : String) : void
- -showPathFromTwoPoints(startPoint : GeoPoint, endPoint : GeoPoint) : void
- -getGeoPointFromAddressName(addressName : String) : GeoPoint
- +onLocationChanged(location : Location) : void

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cardadapter

ReviewCardAdapter
- ~context : Context
- ~reviews : Review
- +ReviewCardAdapter(context : Context, reviews : ArrayList<Review>)
- +onCreateViewHolder(parent : ViewGroup, viewType : int) : ViewHolder
- +onBindViewHolder(holder : ViewHolder, position : int) : void
- +getItemCount() : int
- +clear() : void

UserCardAdapter
- ~context : Context
- ~users : User
- +UserCardAdapter(context : Context, users : ArrayList<User>)
- +onCreateViewHolder(parent : ViewGroup, viewType : int) : ViewHolder
- +onBindViewHolder(holder : ViewHolder, position : int) : void
- +getItemCount() : int
- +clear() : void

PathCardAdapter
- ~activity : Activity
- ~paths : NaPath
- ~user : User
- +PathCardAdapter(activity : Activity, paths : ArrayList<NaPath>, user : User)
- +onCreateViewHolder(parent : ViewGroup, viewType : int) : ViewHolder
- +onBindViewHolder(holder : ViewHolder, position : int) : void
- +getItemCount() : int
- +clear() : void

CompilationCardAdapter
- ~context : Context
- ~compilations : Compilation
- +CompilationCardAdapter(context : Context, compilations : ArrayList<Compilation>)
- +onCreateViewHolder(parent : ViewGroup, viewType : int) : ViewHolder
- +onBindViewHolder(holder : ViewHolder, position : int) : void
- +getItemCount() : int

AddPathCompilationCardAdapter
- -context : Context
- <<Property>> -checked : boolean[]
- -compilations : Compilation
- +AddPathCompilationCardAdapter(context : Context, compilations : ArrayList<Compilation>)
- +onCreateViewHolder(parent : ViewGroup, viewType : int) : ViewHolder
- +onBindViewHolder(holder : ViewHolder, position : int) : void
- +clear() : void
- +getItemCount() : int

PathCompilationCardAdapter
- ~activity : Activity
- ~paths : NaPath
- +PathCompilationCardAdapter(activity : Activity, paths : ArrayList<NaPath>)
- +onCreateViewHolder(parent : ViewGroup, viewType : int) : ViewHolder
- +onBindViewHolder(holder : ViewHolder, position : int) : void
- +getItemCount() : int
- +clear() : void

PhotoCardAdapter
- ~activity : Activity
- ~photosBitmap : ArrayList<Bitmap>
- +PhotoCardAdapter(activity : Activity, photosBitmap : ArrayList<Bitmap>)
- +onCreateViewHolder(parent : ViewGroup, viewType : int) : ViewHolder
- +onBindViewHolder(holder : ViewHolder, position : int) : void
- +getItemCount() : int
- +clear() : void

SharedViewModel
- -photoLiveData : MutableLiveData<Bitmap> = new MutableLiveData<Bitmap>()
- +getPhoto() : LiveData<Bitmap>
- +setPhoto(profilePhotoBitMap : Bitmap) : void

<<enumeration>> TypeOfError
- AUTH_ERROR
- DB_ERROR
- LOCAL_PROBLEM
- JSON_EXCEPTION
- HTTP_ERROR

NaPathFilters
- <<Property>> -region : String
- <<Property>> -country : String
- <<Property>> -accessible : Boolean
- <<Property>> -minDuration : Integer
- <<Property>> -filtered : Boolean = false
- <<Property>> -difficult : DifficultyEnum
- +NaPathFilters(region : String, country : String, accessible : Boolean, minDuration : Integer, difficult : DifficultyEnum)
- +NaPathFilters()

-naPathFilters

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dialogs

FilterDialog
- -TAG : String = "FilterDialog"
- -close : ImageView
- -regionSpinner : Spinner
- -countrySpinner : Spinner
- -difficultSpinner : Spinner
- -accessibileCheckBox : CheckBox
- -minDurationText : EditText
- -resetFilter : Button
- -saveFilter : Button
- ~adapterDifficult : ArrayAdapter<DifficultyEnum>
- ~adapterCountry : ArrayAdapter<String>
- ~adapterRegion : ArrayAdapter<String>
- -difficultyEnum : DifficultyEnum[]
- -naPathFilters : NaPathFilters
- -naCountries : NaCountry
- +FilterDialog(naPathFilters : NaPathFilters, naCountries : ArrayList<NaCountry>)
- +onCreateView(inflater : LayoutInflater, container : ViewGroup, savedInstanceState : Bundle) : View
- +onViewCreated(view : View, savedInstanceState : Bundle) : void
- -setUpDialog(view : View) : void
- -setupButtons() : void
- -resetFilter() : void
- -saveFilter() : void
- -setUpDialog(naPathFilters : NaPathFilters) : void

ReviewDialog
- -TAG : String = "ReviewDialog"
- -close : ImageView
- -reviewText : EditText
- -confirmButton : Button
- -progressBar : ProgressBar
- -ratingBar : RatingBar
- -review : Review
- +ReviewDialog(naPath : NaPath)
- +onCreateView(inflater : LayoutInflater, container : ViewGroup, savedInstanceState : Bundle) : View
- +onViewCreated(view : View, savedInstanceState : Bundle) : void
- -setUpDialog(view : View) : void
- -setUpButtons() : void

AddSightDialog
- -spinnerTypology : Spinner
- -name : TextView
- -buttonOk : Button
- -closeButton : ImageView
- -namePointOfInterest : String
- ~typology : String
- -point : GeoPoint
- +onInputListener : OnInputListener
- +AddSightDialog(point : GeoPoint)
- +onCreateDialog(savedInstanceState : Bundle) : Dialog
- +onCreateView(inflater : LayoutInflater, container : ViewGroup, savedInstanceState : Bundle) : View
- +onAttach(context : Context) : void
- +onViewCreated(view : View, savedInstanceState : Bundle) : void
- +getTypology() : SightTypeEnum

AddPathToCompilationDialog
- -TAG : String = "AddPathToCompilationDialog"
- -recyclerView : RecyclerView
- -confirmButton : Button
- -compilations : Compilation
- -compilationsWithoutPath : Compilation
- -naPath : NaPath
- +AddPathToCompilationDialog(naPath : NaPath, compilations : ArrayList<Compilation>)
- +onCreateView(inflater : LayoutInflater, container : ViewGroup, savedInstanceState : Bundle) : View
- +onViewCreated(view : View, savedInstanceState : Bundle) : void
- -setUpRecyclerView() : void
- -getCompilationWithoutThePath(compilationsToCheck : ArrayList<Compilation>) : ArrayList<Compilation>
- -setUpButtons() : void
- ~getCompilationsChecked(compilations : ArrayList<Compilation>, checked : boolean[]) : ArrayList<Compilation>
- -setUpDialog(view : View) : void

ChooseFileDialogFragment
- -TAG : String = "ChooseFileDialogFragment"
- -STORAGE_PERMISSION_CODE : int = 1
- ~closeDialog : ImageView
- ~insertGPXPath : ImageView
- ~insertManualyPath : ImageView
- -openFileGPX : ActivityResultLauncher<String>
- -externalStoragePermissionLauncher : ActivityResultLauncher<String[]>
- ~user : User
- +ChooseFileDialogFragment(user : User)
- +onCreateDialog(savedInstanceState : Bundle) : Dialog
- +onCreateView(inflater : LayoutInflater, container : ViewGroup, savedInstanceState : Bundle) : View
- +onViewCreated(view : View, savedInstanceState : Bundle) : void
- -requestStoragePermissions() : void

ErrorDialog
- -activity : Activity
- -dialog : AlertDialog
- -closeButton : ImageView
- -error_msg : TextView
- -title : TextView
- +ErrorDialog(activity : Activity)
- +startDialog(title : String, error_msg : String) : void
- -enableCloseDialog() : void

LoadingDialog
- -activity : Activity
- -dialog : AlertDialog
- <<Property>> -progress : Boolean
- +LoadingDialog(activity : Activity)
- +startLoadingDialog() : void
- +dismissDialog() : void