

```
//  
// ModelProperties.swift  
// f30Model  
//  
// Created by David on 30/10/2017.  
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//
```

```
/// Specifies model properties  
public enum ModelProperties: Int {
```

```
    // General  
    case id
```

```
    // userProfile  
    case userProfile_id  
    case userProfile_applicationID  
    case userProfile_userPropertiesID  
    case userProfile_email  
    case userProfile_fullName  
    case userProfile_dateOfBirth  
    case userProfile_avatarFileName
```

```
    // playGame  
    case playGame_id  
    case playGame_dateCreated  
    case playGame_name  
    case playGame_imageBackgroundColor  
    case playGame_languageID
```

```
    // playGameData  
    case playGameData_id  
    case playGameData_relativeMemberID  
    case playGameData_playGameID  
    case playGameData_dateLastPlayed  
    case playGameData_numberOfFeathers  
    case playGameData_numberOfExperiencePoints  
    case playGameData_numberOfPoints  
    case playGameData_attributeData
```

```
    // playAreaToken  
    case playAreaToken_id  
    case playAreaToken_relativeMemberID  
    case playAreaToken_playGameID  
    case playAreaToken_column  
    case playAreaToken_row  
    case playAreaToken_imageName  
    case playAreaToken_tokenAttributesString
```

```
    // playResult  
    case playResult_id  
    case playResult_applicationID  
    case playResult_relativeMemberID  
    case playResult_playGamesJSON  
    case playResult_playGameDataJSON  
    case playResult_playAreaTilesJSON  
    case playResult_playAreaTileDataJSON
```

```
case playResult_playExperienceStepResultsJSON

// playMove
case playMove_id
case playMove_playReferenceType
case playMove_playReferenceID
case playMove_playReferenceActionType
case playMove_thumbnailImageName
case playMove_title
case playMove_contentData
case playMove_onCompleteData

// playAreaCell
case playAreaCell_id
case playAreaCell_relativeMemberID
case playAreaCell_playGameID
case playAreaCell_cellTypeID
case playAreaCell_column
case playAreaCell_row
case playAreaCell_rotationDegrees
case playAreaCell_imageName
case playAreaCell_cellAttributesString
case playAreaCell_cellSideAttributesString

// playAreaCellTypes
case playAreaCellType_id
case playAreaCellType_name
case playAreaCellType_isSpecialYN
case playAreaCellType_deckWeighting
case playAreaCellType_imageName
case playAreaCellType_blockedContentPositionsString
case playAreaCellType_cellAttributesString
case playAreaCellType_cellSideAttributesString

// playAreaTile
case playAreaTile_id
case playAreaTile_relativeMemberID
case playAreaTile_playGameID
case playAreaTile_tileTypeID
case playAreaTile_column
case playAreaTile_row
case playAreaTile_rotationDegrees
case playAreaTile_imageName
case playAreaTile_widthPixels
case playAreaTile_heightPixels
case playAreaTile_position
case playAreaTile_positionFixToCellRotationYN
case playAreaTile_tileAttributesString
case playAreaTile_tileSideAttributesString

// playAreaTileType
case playAreaTileType_id
case playAreaTileType_name
case playAreaTileType_isSpecialYN
case playAreaTileType_deckWeighting
case playAreaTileType_imageName
case playAreaTileType_widthPixels
```

```
case playAreaTileType_heightPixels
case playAreaTileType_position
case playAreaTileType_positionFixToCellRotationYN
case playAreaTileType_tileAttributesString
case playAreaTileType_tileSideAttributesString

// playAreaTileData
case playAreaTileData_id
case playAreaTileData_relativeMemberID
case playAreaTileData_playAreaTileID
case playAreaTileData_numberOfFeathers
case playAreaTileData_numberOfExperiencePoints
case playAreaTileData_numberOfPoints
case playAreaTileData_attributeData

// playExperience
case playExperience_id
case playExperience_playExperienceType
case playExperience_name
case playExperience_isCompleteYN
case playExperience_contentData
case playExperience_onCompleteData
case playExperience_playChallengeObjectiveDefinitionData

// playExperienceStep
case playExperienceStep_id
case playExperienceStep_playExperienceID
case playExperienceStep_playExperienceStepType
case playExperienceStep_name
case playExperienceStep_isCompleteYN
case playExperienceStep_contentData
case playExperienceStep_onCompleteData
case playExperienceStep_playChallengeObjectiveDefinitionData

// playExperienceStepExercise
case playExperienceStepExercise_id
case playExperienceStepExercise_playExperienceID
case playExperienceStepExercise_playExperienceStepID
case playExperienceStepExercise_playExperienceStepExerciseType
case playExperienceStepExercise_isCompleteYN
case playExperienceStepExercise_contentData
case playExperienceStepExercise_onCompleteData

// playChallenge
case playChallenge_id
case playChallenge_relativeMemberID
case playChallenge_playGameID
case playChallenge_playMoveID
case playChallenge_contentData
case playChallenge_onCompleteData
case playChallenge_isActiveYN
case playChallenge_isCompleteYN
case playChallenge_dateActive

// playChallengeObjective
case playChallengeObjective_id
case playChallengeObjective_playChallengeID
```

```
case playChallengeObjective_contentData
case playChallengeObjective_onCompleteData
case playChallengeObjective_code
case playChallengeObjective_definitionData
case playChallengeObjective_isAchievedYN
case playChallengeObjective_dateActive

// Nb: This will probably only be modelled in the database and never in the
// app. It will be used to make a relation between playAreaTileTypes and
// playChallengeObjectives
// playAreaTileTypeChallengeObjective
case playAreaTileTypeChallengeObjective_id
case playAreaTileTypeChallengeObjective_playAreaTileTypeID
case playAreaTileTypeChallengeObjective_playChallengeObjectiveCode
case playAreaTileTypeChallengeObjective_playChallengeObjectiveData

// playAreaPath
case playAreaPath_id
case playAreaPath_playGameID
case playAreaPath_pathAttributesString
case playAreaPath_pathLogString

// playAreaPathPoint
case playAreaPathPoint_id
case playAreaPathPoint_playGameID
case playAreaPathPoint_pathID
case playAreaPathPoint_index
case playAreaPathPoint_column
case playAreaPathPoint_row
```

```
}
```