

```

/**
 * This is a file showing code excerpts and new descriptions for the GraphQL
fields. Previous versions of the descriptions were identical to the code comments. I
rewrote them to add clarity and necessary additional information, including use case
and values.
 */

/**
 * Artist connection for all Album contributors.
 */
@Authorized(['root', 'thirdParty', 'anonymous'])
@Field(type => ArtistConnection, { description: 'ArtistConnection allows access to
Artist fields for all Album contributors, including primary artist and any other
artists on the album.' })
public contributingArtists?: ArtistConnection;

/**
 * The eligibility associated with this asset.
 */
@Authorized(['root', 'thirdParty', 'anonymous'])
@Field({ description: 'Returns data for multiple user options related to an entity.
For example, whether an entity can be purchased, downloaded, renamed, if playback is
possible given a subscription tier, etc.' })
public eligibility?: Eligibility;

/**
 * Parental settings associated with this asset.
 */
@Authorized(['root', 'thirdParty', 'anonymous'])
@Field({ description: 'Returns booleans for parental settings. For example,
hasExplicitLanguage or isKidFriendly.' })
public parentalSettings?: ParentalSettings;

/**
 * Album tracks.
 */
@Authorized(['root', 'thirdParty', 'anonymous'])
@Field(type => [Track], { description: 'The tracks associated with this Album.' })
public tracks?: Track[];

/**
 * Label associated with this Album
 */
@Authorized(['root', 'thirdParty'])
@Field({ description: 'The label, or record distribution company, associated with
this Album.' })
public label?: string;

```

```

/**
 * The audio qualities this album is capable of playing in
 */
@Authorized(['root', 'thirdParty', 'anonymous'])
@Field(type => [String], { description: 'Optional user-selected audio settings for
playback. For example, HD, UltraHD, Standard, Data saver.'})
public audioQualities?: AudioQuality[];

/**
 * The format of this album
 */
@Authorized(['root', 'thirdParty', 'anonymous'])
@Field({ description: 'The format of this album. For example, single, album, or
extended-play.' })
public format?: 'ALBUM' | 'EXTENDED_PLAY' | 'SINGLE';

@Authorized(['root', 'thirdParty', 'anonymous'])
@Field(type => PlayParams, { description: 'An object containing playback-related
information about this entity, which enables various playback options such as shuffle
or loop playback.' })
public playParams?: PlayParams;

@Authorized(['root', 'thirdParty', 'anonymous'])
@Field(type => MRNScalar)
@Field(type => MRNScalar, { description: 'MRN is a unique, standardized
representation for naming of media entities. It identifies an item without being
limited to use within specific device endpoints, platforms such as iOS or Android, or
service endpoints. Includes a unique ID for the item. Use examples: displaying content
within the user interface, deep linking, and playback. Format example:
mrn:$VERSION:$AUTHORITY:$MEDIA_TYPE:$MEDIA_IDENTIFIER_TYPE:$IDENTIFIER?territory=$TERR
ITORY'})
public uri?: MRN;

/**
 * The following fields did not have code comments attached. I wrote these new
descriptions in collaboration with the engineering and product team.
 */
@Authorized(['root', 'thirdParty'])
@Field(() => [Image])
public images?: Image[];
@Authorized(['root', 'thirdParty'])
@Field(() => UserTier, { description: 'For example, Music Unlimited, which has no
playback limits; Prime, which has unlimited songs but allows only shuffle playback; or
Free Tier, which allows shuffle playback from a smaller catalog'})
public tier?: UserTier;

@Authorized(['root', 'thirdParty'])
@Field(() => String, { description: 'Individual, which allows one account, or
Family, which allows several.'})
public plan?: Plan;

```

```

    @Authorized(['root', 'thirdParty'])
    @Field(() => String, { description: 'Public, where profile is visible to everyone
and shows playlists and followers; or Private, visible to others but hides all their
content/followers. If terms of use is not accepted, the user's profile is not
findable.'})
    public visibility?: VisibilityType;

    @Authorized(['root', 'thirdParty'])
    @Field(() => String, { description: 'Returns TRUE if an account is official. For
example, if created by a record label. Returns FALSE for a regular music listener.'
    })
    public isVerified?: boolean;

    @Authorized(['root', 'thirdParty'])
    @Field()
    public url?: string;
    @Authorized(['root', 'thirdParty'])
    @Field(() => UserPlaylistConnection, {
        description: 'Accesses the playlist data of the user.',
    })
    public playlists?: UserPlaylistConnection;

    @Authorized(['root', 'thirdParty'])
    @Field(() => UserTrackConnection)
    @Field(() => UserTrackConnection, {
        description: 'Accesses the tracks this user has liked.',
    })
    public tracks?: UserTrackConnection;

    @Authorized(['root', 'thirdParty'])
    @Field(() => PodcastEpisodeConnection)
    @Field(() => PodcastEpisodeConnection, {
        description: 'Accesses the podcast episodes a user has added to their podcast
playlist.',
    })
    public podcastEpisodes?: PodcastEpisodeConnection;

    @Authorized(['root'])
    @Field(() => PodcastShowConnection)
    @Field(() => PodcastShowConnection, {
        description: 'Accesses the podcast shows the user has followed.',
    })

    @Authorized(['root', 'thirdParty'])
    @Field(() => UserTrackRecentlyPlayedConnection)
    @Field(() => UserTrackRecentlyPlayedConnection, {
        description: 'Accesses the tracks this user has recently played.',
    })

```

```

    })
    public recentTrackPlayback?: UserTrackRecentlyPlayedConnection;

    @Authorized(['root', 'thirdParty'])
    @Field(() => UserEntitiesRecentlyPlayedConnection)
    @Field(() => UserEntitiesRecentlyPlayedConnection, {
        description: 'Accesses the recently-played music entities of the user, such as
stations, playlists, and albums.',
    })
    public recentEntitiesPlayback?: UserEntitiesRecentlyPlayedConnection;

    @Authorized(['root'])
    @Field(() => UserMusicExperienceLimitConnection)
    @Field(() => UserMusicExperienceLimitConnection, {
        description: 'Accesses the current status of experience limits of the User,
depending on free tier or Prime. For example, number of skips allowed per day. ',
    })
    public musicExperienceLimits?: UserMusicExperienceLimitConnection;

    @Authorized(['root'])
    @Field(() => UserPlaybackInsights)
    @Field(() => UserPlaybackInsights, {
        description: 'Provides data on user behavior for UI display. For example,
podcasts listened to this summer.',
    })
    public playbackInsights?: UserPlaybackInsights;

```