
aliceplex-schema Documentation

Release 3.0.0

Alice Plex

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aliceplex-schema is a schema library for Plex. It provides basic Plex related model. This can be used to develop other Plex library.

CHAPTER 1

Install

```
pip install aliceplex-schema
```

1.1 Usage

1.1.1 Model

Model classes use dataclass from Python 3.7. You can pass parameters to create the model class.

```
from aliceplex.schema import Actor

actor = Actor(name="Test", role="Role", photo="http://example.com/avator.jpg")
```

1.1.2 Schema

Schema classes is created for serialization between dictionary and model classes. For example, you can use schema classes to deserialize dictionary from JSON to a model classes valid values.

```
from aliceplex.schema import ActorSchema

schema = ActorSchema()
# Deserialize from JSON
schema.load({"name": "name", "photo": "photo", "role": "role"})
# Serialize to JSON
actor = Actor(name="Test", role="Role", photo="http://example.com/avator.jpg")
json = schema.dump(actor)
```

Schema classes is inherited from marshmallow. For more usage, please refer to [its documentation](#).

1.2 Api

1.2.1 Subpackages

`aliceplex.schema.schema` package

Submodules

`aliceplex.schema.schema.actor` module

`aliceplex.schema.schema.album` module

`aliceplex.schema.schema.artist` module

`aliceplex.schema.schema.base` module

`aliceplex.schema.schema.episode` module

`aliceplex.schema.schema.movie` module

`aliceplex.schema.schema.person` module

`aliceplex.schema.schema.show` module

1.2.2 Submodules

`aliceplex.schema.format` module

`aliceplex.schema.model` module

`aliceplex.schema.patch` module

`aliceplex.schema.verify` module