

Post Sync API

Two retrieval APIs are necessary to support Post syncing:

- Single object retrieval given the Post's foreign key unique identifier. The full Post object is defined below.
- A collection of identifiers (or full objects) of Posts last updated within a specified time/date range. Spot will periodically call this to request any changes since the previous api call. For large objects with frequent updates the lister would typically return an array of just `id` and `updated_at` pairs. However, for simple and rarely updated objects like Posts it is usually more efficient to just return an array of full objects that have changed. Support for pagination is unnecessary since Posts are assumed to have low cardinality. The Spot server sync functions automatically recognize the type of collection returned.

Important note: for consistent syncing we strongly discourage deleting objects. Instead of removing a Post object persisted it with the `enabled` field set to `false`.

Example of a simple RESTful object retrieval api

To retrieve the Post whose `id` is 95bd92ae call...

```
https://hostname.com/.../posts/95bd92ae.json
```

...which returns the JSON object:

```
{
  "id": "95bd92ae",
  "enabled": true,
  "category": {
    "en": "General",
    "es": "General"
  },
  "title": {
    "en": "Talking Trash: What To Do About Missed Collections",
    "es": "Qué Hacer si no Recogieron la Basura"
  },
  "body": {
    "en": "For more than 100 years, the City of San Diego has provided refuse and recycling collection services to the public. In 2020, with the onset of a global pandemic that compelled community members to stay home, the City saw an 11% increase in tons of trash and recycling collected when compared to the same period in 2019. The high volume of waste, coupled with the impacts of COVID-19 on City employees, led to an increase in missed collections. \n\nWith more than 105,000 collections scheduled every day, our drivers face a daunting task each morning when they begin their routes. Our team does their absolute best to make every collection on time. If your collection is missed, check out the Environmental Services Department's collection status webpage to see if your collection is delayed. If your address has been identified as being delayed, we will return the following day to provide your service. If your address was not identified as being delayed, please use Get It Done to submit a report under the "Missed Collection" category, and our team will do their absolute best to collect. \n\nLearn some helpful hints to ensure your container gets c
```

```

collected as scheduled: https://www.sandiego.gov/get-it-done/talking-trash-what-do-about-missed-collections",
  "es": "Por más de 100 años, la ciudad de San Diego ha brindado servicios de recolección de basura y reciclaje al público. En 2020, con el inicio de una pandemia global que obligó a los miembros de la comunidad a quedarse en casa, la Ciudad vio un aumento de 11% en las toneladas de basura y reciclaje recolectadas en comparación con el mismo período en 2019. El alto volumen de desechos, junto con el impacto de COVID-19 en los empleados de la Ciudad, llevaron a un aumento en la falla de recolecciones.\n\nCon más de 105,000 recolecciones programadas todos los días, nuestros conductores enfrentan una tarea enorme cada mañana cuando comienzan sus rutas. Nuestro equipo hace todo lo posible para hacer cada colección a tiempo. Si no se hace su recolección, visite el sitio Colección perdida", y nuestro equipo hará todo lo posible para ir a recopilarla.\n\nPara aprender más: https://www.sandiego.gov/get-it-done/que-hacer-si-no-recogieron-la-basura"
},
"priority": 2,
"link": "",
"access": "external_only",
"published_at": "2021-05-01T00:00:00.000000Z",
"updated_at": "2021-08-01T08:01:23Z",
"media": [
  "https://spotreporters-res.cloudinary.com/image/upload/v1613597477/san-diego/shared/missed-collections.jpg",
  "https://spotreporters-res.cloudinary.com/image/upload/v1613597843/san-diego/shared/missed-collections2.jpg"
]
}

```

Example of a RESTful "lister" api

Using ISO 8601 compatible dates for `from` and `to` parameters (treat as inclusive), call:

```
https://hostname.com/.../posts.json?from=2021-08-01T08:01:00Z&to=2021-08-01T08:02:00Z
```

...which returns either:

```

{
  [
    "id": "95bd92ae",
    "updated_at": "2021-08-01T08:01:23Z"
  ]
}

```

...or

```

{
  [
    <the full json object from the previous example>
  ]
}

```

...where the objects are returned in `updated_at` order

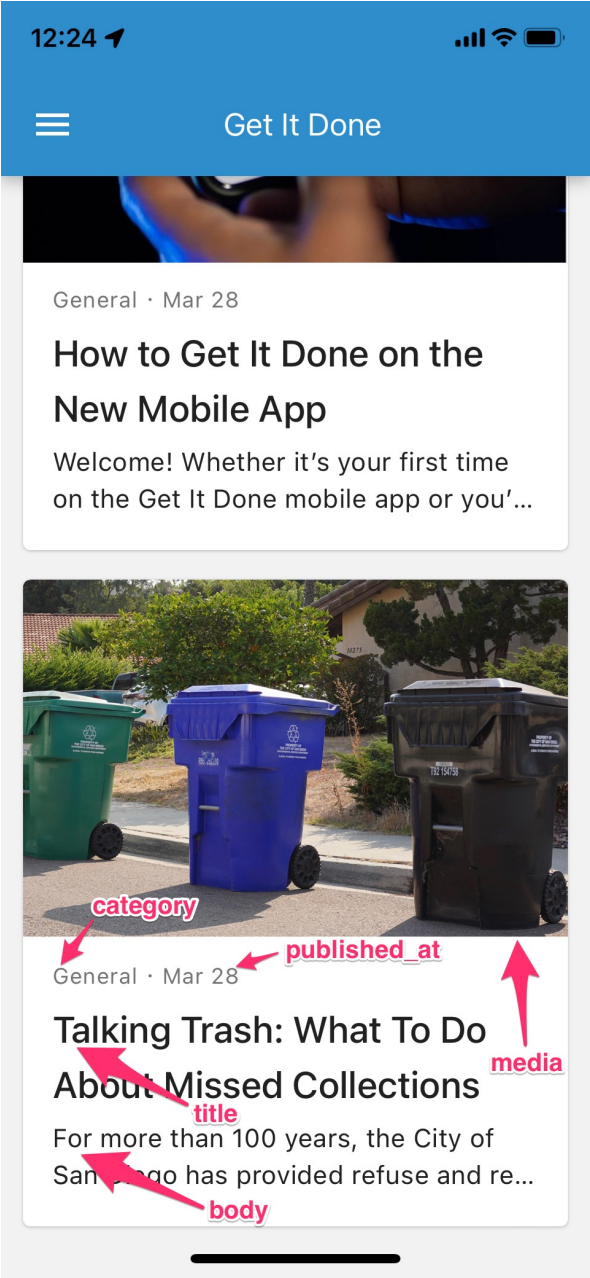
Post object field definitions

Field names and types. Reasonable defaults are used if optional fields are omitted. Type "translated-strings" means a collection of name-value pairs where "name" is the language locale, for example `"en-US"` :
`"English Text"`

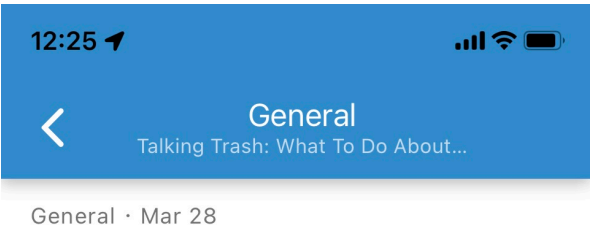
- `id` . Required (string). Unique identifier (text string) for post
- `enabled` . Optional (boolean). Do not display the post if this value is `false` .
- `category` . Optional (translated-strings).
- `title` . Optional (translated-strings).
- `body` . Optional (translated-strings). Content of the post. Displayed in a separate, scrollable view when the post is tapped by the user and (and no link is present). Currently, all html formatting is stripped and just plain text is displayed.
- `media` . Optional (array of photo urls).
- `link` . Optional (url). If present, the app will launch this url in the native default browser when the post is tapped by the user. Custom URL schemes supported, allowing support for launching another mobile application.
- `priority` . Required (integer). Used to determine the post's display order (descending, negative integers allowed).
- `start_at` . Optional (ISO 8601 date/time format, default=now). Post will be hidden if not within start/stop range.
- `stop_at` . Optional (ISO 8601 date/time format, default=never). Post will be hidden if not within start/stop range.
- `updated_at` . Optional (ISO 8601 date/time format). When the post was last updated.
- `published_at` . Optional (ISO 8601 date/time format). If present will be used to indicate when the post was initially authored.
- `access` . Optional (`internal` , `external_only` , or default= `external`). Determines who will see this post:
 - `internal` - Workers only
 - `external_only` - Reporters only
 - `external` - Everyone
- `kind` . Unused (`default`). Future plans to provide pre-defined UI styles such as info, news, alert, etc.

Screenshots

List of Posts



Post Detail



Talking Trash: What To Do About Missed Collections

For more than 100 years, the City of San Diego has provided refuse and recycling collection services to the public. In 2020, with the onset of a global pandemic that compelled community members to stay home, the City saw an 11% increase in tons of trash and recycling collected when compared to the same period in 2019. The high volume of waste, coupled with the impacts of COVID-19 on City employees, led to an increase in missed collections.

With more than 105,000 collections scheduled every day, our drivers face a daunting task each morning when they begin their routes. Our team does their absolute best to make every collection on time. If your collection is missed, check out the Environmental Services Department's collection status webpage to see if your collection is delayed. If your address has been identified as being delayed, we will return the following day to provide your service. If your address was not identified as being delayed, please use Get It Done to submit a report under the "Missed Collection" category, and our team will do their absolute best to collect.

Learn some helpful hints to ensure your container gets collected as scheduled:

<https://www.sandiego.gov/get-it-done/talking-trash-what-do-about-missed-collections>

