

Claris FileMaker OData API Guide work with dates and time

✳ Answer ⚙ Sources · 11 ⌚ Tasks

Working with Dates and Time in Claris FileMaker OData API

Date and Time Formats

- The Claris FileMaker OData API uses ISO 8601 formats for date, time, and timestamp fields. This means dates and times are represented in a standardized way, such as `2024-01-01T00:00:00` for a full timestamp ² .
- Time zone offsets are relative to the server's time zone, so be aware of server settings when interpreting or filtering date and time data ² .

Querying and Filtering by Date/Time

- OData supports filtering records using the `$filter` query option. For date and time fields, use ISO 8601 format in your filter expressions ⁶ .
- Examples:
- To filter all records after January 1, 2023:

```
text
```



```
/Entity?$filter=DateField gt 2023-01-01
```

- To filter records after a specific datetime (e.g., February 15, 2023, at 3:30 PM UTC):

```
text
```



```
/Entity?$filter=DateTimeField gt 2023-02-15T15:30:00Z
```


- The typical format for datetime is `yyyy-MM-ddTHH:mm:ssZ` . For example, `2025-06-13T07:53:00Z` represents June 13, 2025, at 7:53 AM UTC ⁶ .

Best Practices

- Always use the correct ISO 8601 format for date and time values in both requests and responses to ensure compatibility ² ⁶ .
- When filtering or updating, be mindful of the server's time zone, as all time zone offsets are relative to it ² .
- For integration with tools like Tableau or Excel, ensure your date/time fields are mapped and formatted correctly to avoid data mismatches ⁵ .

Summary Table: OData Date/Time Formats

Type	Example Format	Example Value
Date	yyyy-MM-dd	2025-06-13
Time	HH:mm:ss	14:30:00

 Ask anything... 