

Programming Guidance

When integrating with the API, the following general programming rules should be noted:

- fields will not always be returned in the same order; reference fields by name
- fields will not always be returned; validate a field is available before using it
- array results are not guaranteed to be sorted
- date and time fields will always be returned in ISO 8601 format

Example API Calls and Helper Classes

The following examples and helper classes are available on [GitHub](#). Helper classes allow you to make API calls, and assign them to objects, from various languages.

- [.Net helper class](#)
- [JavaScript helper classes](#)
- [Perl helper class](#)
- [PHP helper class](#)
- [jQuery D3 charting example](#)

Implementation Examples

You can find examples of [dashboards](#) and [gadgets](#) that are built using the API on the [uptime software Grid](#). These are also available as open-source projects on [GitHub](#). These dashboards and gadgets are also ready to be installed on your Monitoring Station using the Extension Manager.