

Nagios Core - Time Period Inheritance

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Overview

This article describes how time period inheritance works in Nagios Core.

The `name` directive must be defined in the parent object for inheritance to work.

The parent object is being referenced by the `use` directive.

The `name` directive is not mandatory and hence it can be mistaken with the `timeperiod_name` directive.

Examples

Here is an example of a config that **WILL NOT** inherit the parent object `24x7` because the `name` directive does **NOT** exist.

```
define timeperiod {
    timeperiod_name 24x7
    alias 24 Hours A Day, 7 Days A Week
    sunday 00:00-24:00
    monday 00:00-24:00
    tuesday 00:00-24:00
    wednesday 00:00-24:00
    thursday 00:00-24:00
    friday 00:00-24:00
    saturday 00:00-24:00
}

define timeperiod {
    timeperiod_name maintenance-periods
    alias Maintenance Periods
    sunday 01:00-02:00
    saturday 01:00-02:00
}

define timeperiod {
    timeperiod_name 24x7-except-maintenance-periods
    alias 24x7 Except Maintenance Periods
    use 24x7
    exclude maintenance-periods
}
```

Here is an example of a config that will inherit the parent object `24x7` because the `name` directive exists.

```
define timeperiod {
    timeperiod_name 24x7
    name 24x7
}
```

```
alias 24 Hours A Day, 7 Days A Week
sunday 00:00-24:00
monday 00:00-24:00
tuesday 00:00-24:00
wednesday 00:00-24:00
thursday 00:00-24:00
friday 00:00-24:00
saturday 00:00-24:00
}

define timeperiod {
    timeperiod_name maintenance-periods
    alias Maintenance Periods
    sunday 01:00-02:00
    saturday 01:00-02:00
}

define timeperiod {
    timeperiod_name 24x7-except-maintenance-periods
    alias 24x7 Except Maintenance Periods
    use 24x7
    exclude maintenance-periods
}
```

Final Thoughts

For any support related questions please visit the [Nagios Support Forums](#) at:

<http://support.nagios.com/forum/>

Posted by: **tlea** - Thu, Mar 10, 2016 at 7:06 PM. This article has been viewed 3881 times.

Online URL: <https://support.nagios.com/kb/article/nagios-core-time-period-inheritance-487.html>