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# **Inirama Documentation**

***Release 0.8.0***

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**Sep 27, 2017**



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## Contents

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<b>I</b>	<b>User's Guide</b>	<b>3</b>
1	Requirements	7
2	Installation	9
3	Quickstart	11
<b>II</b>	<b>API Reference</b>	<b>13</b>
4	API	17
<b>III</b>	<b>Bug tracker</b>	<b>19</b>
<b>IV</b>	<b>Contributing</b>	<b>23</b>
<b>V</b>	<b>Contributors</b>	<b>27</b>
<b>VI</b>	<b>License</b>	<b>31</b>





Inirama is a python module that parses INI files. Inirama – Simplest parser for INI-style files.

Features:

- One single module;
- No requirements;
- Tiny interface;
- Supports variable interpolation;

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**Part I**

**User's Guide**





This part of the documentation will show you how to get started in using Inirama.

**Contents**

- *Requirements*
- *Installation*



# CHAPTER 1

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## Requirements

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- python (2.6, 2.7, 3.2, 3.3)



## CHAPTER 2

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### Installation

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**Inirama** could be installed using pip:

```
pip install inirama
```

#### Contents

- [\*Quickstart\*](#)



## CHAPTER 3

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### Quickstart

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```
from inirama import Namespace

ns = Namespace()
ns.read('config.ini')

print ns['section']['key']

ns['other']['new'] = 'value'
ns.write('new_config.ini')
```





**Part II**

**API Reference**



If you are looking for information on a specific function, class or method, this part of the documentation is for you.



**Contents**

- *API*
  - *Namespace*
  - *Interpolation Namespace*

This part of the documentation documents all the public classes and functions in Inirama.

## Namespace

**class** `inirama.Namespace` (\*\**default\_items*)  
Default class for parsing INI.

**Parameters** **\*\*default\_items** – Default items for default section.

```
from inirama import Namespace

ns = Namespace()
ns.read('config.ini')

print ns['section']['key']

ns['other']['new'] = 'value'
ns.write('new_config.ini')
```

**default**

Return default section or empty dict.

:return `inirama.Section`: section

**parse** (*source*, *update=True*, *\*\*params*)  
Parse INI source as string.

**Parameters**

- **source** – Source of INI
- **update** – Replace already defined items

**read** (*\*files*, *\*\*params*)  
Read and parse INI files.

**Parameters**

- **\*files** – Files for reading
- **\*\*params** – Params for parsing

Set *update=False* for prevent values redefinition.

**section\_type**  
alias of `Section`

**write** (*f*)  
Write namespace as INI file.

**Parameters** **f** – File object or path to file.

## Interpolation Namespace

**class** `inirama.InterpolationNamespace` (*\*\*default\_items*)  
That implements the interpolation feature.

```
from inirama import InterpolationNamespace

ns = InterpolationNamespace()
ns.parse('''
    [main]
    test = value
    foo = bar {test}
    more_deep = wow {foo}
''')
print ns['main']['more_deep'] # wow bar value
```

## **Part III**

# **Bug tracker**





If you have any suggestions, bug reports or annoyances please report them to the issue tracker at <https://github.com/klen/inirama/issues>



**Part IV**

**Contributing**



Development of inirama happens at github: <https://github.com/klen/inirama>



**Part V**

**Contributors**





- [klen](#) (Kirill Klenov)



## **Part VI**

# **License**



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## D

default (inirama.Namespace attribute), 17

## I

inirama (module), 1

InterpolationNamespace (class in inirama), 18

## N

Namespace (class in inirama), 17

## P

parse() (inirama.Namespace method), 17

## R

read() (inirama.Namespace method), 18

## S

section\_type (inirama.Namespace attribute), 18

## W

write() (inirama.Namespace method), 18