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# pytoulbar2 API Reference

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**INRAE**

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pytoulbar2 software is the Python interface of toulbar2.

**class** pytoulbar2.**CFN**(*ubinit, resolution=0, vac=0, configuration=False, vns=None*)

CFN summary line description...

Details...

**AddFunction**(*scope, costs, incremental=False*)

AddFunction summary line description...

Description text ... AddFunction ...

#### Parameters

- **scope** (*type...*) – Description text...
- **costs** (*type...*) – Description text...
- **incremental** (*type...*) – Description text...

#### Returns

...

**AddVariable**(*name, values*)

AddVariable summary line description...

#### Parameters

- **name** (*type...*) – ...
- **values** (*type...*) – ...

#### Returns

...

**Depth**()

**Domain**(*varIndex*)

**Dump**(*problem*)

**GetNbBacktracks**()

**GetNbNodes**()

**GetUB**()

**NoPreprocessing**()

**Parse**(*certificate*)

**Read**(*problem*)

**Restore**(*depth*)

**SetUB**(*cost*)

**Solve**()

**SolveFirst**()

**SolveNext**()

**Store**()

**UpdateUB**(*cost*)



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