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# CoAPthon Documentation

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CoAPthon is a python library to the CoAP protocol compliant with the RFC.



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**Citation**

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If you use CoAPthon software in your research, please cite:

G.Tanganelli, C. Vallati, E.Mingozzi, “CoAPthon: Easy Development of CoAP-based IoT Applications with Python”, IEEE World Forum on Internet of Things (WF-IoT 2015)

Software available at <https://github.com/Tanganelli/CoAPthon>



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## What is implemented

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- CoAP server
- CoAP client
- CoAP to CoAP Forward proxy
- CoAP to CoAP Reverse Proxy
- HTTP to CoAP Forward Proxy
- Caching feature
- Observe feature
- CoRE Link Format parsing
- Multicast server discovery
- Blockwise feature



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## Indices and tables

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- *genindex*
- *modindex*
- *search*