About this Documentation

This documentation is an effort of **BPA Technologies** (www.bpatechnologies.com), a RPA company based in São Paulo and it is currently being maintained by the same company. Thanks to **Diego Thijssen,** who envisioned the paradigm shift inside the company which in turn resulted in the idea of developing this document. Thanks to **Allan Zimmermann**, creator, maintainer and founder of **OpenIAP** (www.openrpa.dk) and for his cooperation in providing the necessary knowledge needed to make this manual. We also thank **Thiago Pestitschek** for his cheerful and promising ideas for the documentation as well as assisting in proof-reading and writing this manual. Additionally, our sincere thanks to **Adam Wolff** for helping to proof-read this document and for providing new interesting ideas and, last but definitely not least, our thanks to **Paulo Veras** for helping to write the great majority of this documentation.

In this documentation the reader will find useful information on how to use **OpenRPA, OpenFlow and Node-RED** in order to develop useful **RPA workflows** which accomplish the execution of business processes. Although not strictly needed, the user should have some previous experience with RPA concepts and usage.

The **1st chapter** is a brief introduction on what RPA actually is and our choices for using specifically this stack.

The **2nd chapter** is an in-depth exploration of the orchestration framework used, namely OpenFlow.

The **3rd chapter** is a guided tour on the functionalities of OpenRPA - the tool where the actual automation happens.

Finally, the **4th chapter** is an overview of Node-RED functionalities in respect to RPA automation.

If you find these tools exciting and would want to participate on a discussion group, we strongly recommend going to rocket.openiap.io (www.rocket.openiap.io/)

In case you find any typos or misinformation please reach us at **thiago@bpatechnologies.com** or **paulo@bpatechnologies.com**. We would be glad to fix it and this way you can help us improve the quality of the material! Also, we'll happily add you to our list of contributors.