**ModBus**

* **Maven依赖**

<dependency>

<groupId>com.infiniteautomation</groupId>

<artifactId>modbus4j</artifactId>

<version>3.0.3</version>

</dependency>

<repositories>

<repository>

<releases>

<enabled>false</enabled>

</releases>

<snapshots>

<enabled>true</enabled>

</snapshots>

<id>ias-snapshots</id>

<name>Infinite Automation Snapshot Repository</name>

<url>https://maven.mangoautomation.net/repository/ias-snapshot/</url>

</repository>

<repository>

<releases>

<enabled>true</enabled>

</releases>

<snapshots>

<enabled>false</enabled>

</snapshots>

<id>ias-releases</id>

<name>Infinite Automation Release Repository</name>

<url>https://maven.mangoautomation.net/repository/ias-release/</url>

</repository>

</repositories>

* **工具类**



**OPC UA**

* **Maven依赖**

<dependency>

<groupId>org.eclipse.milo</groupId>

<artifactId>sdk-client</artifactId>

<version>0.5.2</version>

</dependency>

* **工具类**

opcua:

username: user

password: yt123456

endPointUrl: opc.tcp://10.123.0.12:4860

requestTimeout: 1000



reads() 方法入参和出参顺序是一致的