



Press Release

iExec Launches The iExec Oracle Factory, Allowing Anyone To Create Custom Oracles in Minutes

Using the iExec Oracle Factory, developers are able to create their own decentralized oracles with just the API's URL and key.

Lyon (France), October 12th, 2021 - iExec, the company that provides a decentralized marketplace for computing assets, has announced **the launch of [the iExec Oracle Factory](#), a developer interface allowing anyone to create their own oracles**, from scratch, in minutes, without any blockchain knowledge and directly from their browser.

In order to have decentralized applications that solve real world problems, they need to make use of real world data. That's why decentralized oracles play a major role in blockchain-based architectures, acting as bridges between blockchains and the real world. However, developers who want to create their own oracles **need existing blockchain knowledge, and coding them from scratch can take hours.**

This is why iExec is releasing the iExec Oracle Factory, making oracles accessible to everyone. The iExec Oracle Factory is an interface allowing anyone to create their own decentralized oracles in just a few clicks. The iExec Oracle Factory makes possible **a whole range of blockchain use cases, allowing developers to deploy oracles from any kinds of data:** from sport results to NFT price, from temperatures to flight schedules.

Create custom, trusted oracles in minutes

Several companies today offer ready-to-use decentralized oracles. With its Oracle Factory, **iExec aims to fill the need for custom oracles**, providing a tool allowing anyone to create not only their own oracles, but also trusted ones.

The iExec Oracle Factory interface has been built to be as easy as possible to use:

- With the Oracle Factory, **it only takes 5 minutes and a few clicks** to create a custom oracle. Usually, creating an oracle from scratch takes 1 or 2 hours to code.
- Using the Oracle Factory, there is **no need to write any line of code** or even to have any blockchain knowledge.
- The oracle can be created **directly from the web browser**, using **the URL of the API** from which the data needs to be extracted (along with the private API key if the API is not public).

In addition to creating an oracle in minutes, the iExec Oracle Factory allows for 'trusted' oracles, using **Trusted Execution Environments (TEE) technology**. The TEE technology uses hardware enclaves **to protect the API key and the data collected, ensuring they remain confidential, secure, and tamper-proof**. With the Oracle Factory, **iExec aims to make the TEE technology accessible to all** while creating an oracle.

Once created, users have the option to share their custom oracles with the community, by including them in **the iExec Oracle Factory Gallery**. This Oracle Factory Gallery will list oracles created within the interface, making them accessible for other users and developers. The iExec Oracle Factory also provides preset oracles, ready-to-use, as examples for the community.

Today, iExec releases **the beta version of the Oracle Factory**. There will be several upgrades of the product, to include more technical features, allowing developers to quickly implement smart contracts and deploy decentralized applications.

To access to the iExec Oracle Factory and create oracles: <https://oracle-factory.iex.ec>

About iExec

iExec is a blockchain company that provides a decentralized marketplace for computing assets, allowing anyone to monetize or rent datasets, decentralized applications, and computing power. Blockchain is used to organize the exchanges between stakeholders with the maximum level of trust and security, without a centralized authority. iExec owns its native utility token, the RLC, used as the method of payment on the marketplace. The RLC token is listed on over 40 exchanges, including major ones: Coinbase, Binance, Bithumb, Huobi and more. The company also works with renowned partners such as Intel, Google Cloud, and IBM Cloud. Learn more at <https://iex.ec/>

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