

Using embedded languages and external datastores with HPCC Systems

ECL is our proprietary programming language designed specifically for processing your big data queries efficiently.

- [Get started with the ECL language](#)
- [Extend your knowledge of the ECL language](#)

ECL is very flexible, allowing you to embed other languages you use regularly or prefer to use via the ECL EMBED feature. We also provide a number of plugins and connectors allowing you to process data from other sources.

Take a tour of the languages and datastores available in [this blog](#).

Get the embedded language and external datastore plugins from the [Download](#) page on our website. Simply select your **Operating System** and check the ones you want to download from the **Plugins** list.

Additional plugins, connectors, 3rd party modules and ECL bundles are also shown below. See the [full list of ECL Bundles available](#) for you to use alongside HPCC Systems.

Currently supported embedded languages

- Cassandra (included in the platform)
- C++
- Java
- R
- Python
- SQL
- SQLite

Find out [how to use the EMBED language feature](#) and how to [project fields into EMBEDS](#).

Using TensorFlow? Find out [how to embed TensorFlow operations in ECL](#).

Currently supported external datastores

- Redis - [Readme](#)
- Memcached - [Readme](#)
- Spark - [Readme](#)
- Couchbase - [Readme](#)
- Kafka - [Readme/Streaming Kafka Readme](#)
- SQS - [Readme](#)

Plugins, connectors and 3rd party modules

- WS-SQL - [Learn more](#)
- JDBC Driver - [Learn more](#)
- ECL data integration plugins for Pentaho - [Learn more](#)
- R integration - [Learn more](#)
- JAVA API project - [Learn more](#)
- ECL Web Log Analytics Tool - [Learn more](#)
- Web data connector for Tableau - [Learn more](#)
- JavaScript Library for communicating with ESP - [Learn more](#)