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W	X	Y	Z	.						

(C) **22** terms

Client Created Sep 21, 2018 (22:40)

Synonym(s): runtime

A software program that is used to contact and obtain data from a Server software program either on the same computer or on another computer. A client makes a request and the server fulfills the request. In Ignition, a client is the runtime that operators use to interact with projects, and is launched from the Ignition Gateway webpage.

Cirrus Link MQTT Distributor Module Created Sep 21, 2018 (22:40)

MQTT

Synonym(s): Distributor Module

This is an Ignition module made by Cirrus Link. It acts as a hub (Server) for MQTT clients (systems or devices) to securely connect, publish, and subscribe to data. It supports up to 50 Edge of Network Gateways (each can support multiple PLCs).

Cirrus Link MQTT Engine Module Created Sep 21, 2018 (22:40)

MQTT

Synonym(s): Engine Module

This is an Ignition module made by Cirrus Link. It allows Ignition to be a Client and connect to any existing MQTT Servers. These servers do not need to be using the Distributor Module, and are commonly stored in the cloud. This module gives Ignition access to any devices connected to the MQTT Server, which is potentially thousands of devices through Edge of Network Gateways.

Cirrus Link MQTT Injector Module Created Sep 21, 2018 (22:40)

MQTT

Synonym(s): Injector Module

This is an Ignition module made by Cirrus Link. It emulates Edge of Network Gateways, simulating live PLC data. It is configurable using CSV files and can simulate multiple Edge of Network Gateways concurrently. This module is used for testing the functionality and throughput of different IIoT solutions using MQTT and Ignition.

communications Created Sep 21, 2018 (22:40)

Synonym(s): communications hub

Ignition is often referred to as a Communications Hub. This means Ignition can talk to many types of devices and act as a bridge between them.

components Created Sep 21, 2018 (22:40)

Components are the widgets that users work with to design reports and windows in a project, such as buttons, text areas, dropdowns, tables, charts, and lots more. To make a component do something useful, you can configure properties, property bindings, and event handlers. Components are found in the Component Palette of the Designer. The main two areas of a project that utilize components are Vision (Windows) and Reporting.

Component Palette Created Sep 21, 2018 (22:40)

The Component Palette contains different types of components that you can drag and drop into an Ignition Window. Many components are specialized for industrial use, and are organized into groups such as Input, Buttons, Display, Tables, Charts, Calendar, Admin, Alarming, Reporting, Containers, and Miscellaneous.

Component Properties Created Sep 21, 2018 (22:40)

Each component has its own set of unique properties which dictate how a component looks and behaves inside of an Ignition window. To see all the properties that make up a component, click on a component to view its properties in the Property Editor.

Component Translation Terms Created Sep 21, 2018 (22:40)

Synonym(s): component term, component level term

Component Translation Terms provide language translations specific to one component. If there is a matching global term in the Translation Manager database, the component translation term will take precedence.

Controls Created Sep 21, 2018 (22:40)

Synonym(s): Automated Control Systems

Refers to the field of Automated Control Systems that control manufacturing machineries. These are usually highly computerized using specialized controllers. **Controls** is a specialized field which is invisible to the public at large but which is huge because it is involved with nearly every manufacturing process on the planet.

ControlLogix Created Sep 21, 2018 (22:40)

An Allen-Bradley (Rockwell) family of PLC controllers, a very powerful, networked, and broad family.

ControlNet Created Sep 21, 2018 (22:40)

Open network protocol which operates at a higher speed than DeviceNet but lower speed than Ethernet.

control system Created Oct 30, 2018 (18:53)

1- A control system is a device, or set of devices and software, that manages, regulates, directs, or commands the behavior of other devices or systems. Industrial control systems are used to control equipment or machines in industrial production.

2- Refers to a PLC, a process control system, all field sensing devices, motor and valve control devices, the wiring to the controller, the controller itself, software and anything else related to controlling a manufacturing process. Some antiquated control systems use straight electrical wiring or pneumatic control systems without the use of computers. The majority of control systems are computer-based.

Control System Specialist Created Sep 21, 2018 (22:40)

Refers to a person with highly specialized knowledge of control systems. Such a person must have a working understanding of computers, computer programming, IT and networking, electrical systems, hydraulics, pneumatics, mechanical systems and often chemistry. Such a person may be degreed or not. When degreed they are usually electrical or mechanical engineers.

CPU Created Sep 21, 2018 (22:40)

Central Processing Unit (CPU) is the main processing chip of a computer. The part of the computer or computer system which performs core processing functions.

credentials Created Sep 21, 2018 (22:40)

Synonym(s): login-in credentials

Sometimes call 'log-in credentials,' this is referring to your username and password to log into the Gateway or Client.

Cron Created Sep 21, 2018 (22:40)

Synonym(s): Crontab

Cron is a scheduling format that provides a simple way for users to set repeating scheduled events using only five values (hour, minute, day, month, weekday). Cron is used in Ignition's Report module to schedule report generation and it's used in Gateway auto-backups. A Crontab is a file which contains the schedule of Cron entries to be run and at specified times. In Ignition, the CronTab files are managed for you.

Examples

```
30 1 * * * # Every day at 1:30 AM
0 0 * * 0 # Every Sunday at midnight
```

cross platform Created Sep 21, 2018 (22:40)

Synonym(s): cross-platform

Can be installed on multiple platforms. Windows, Linux, MAC OSX.

CSV Created Sep 21, 2018 (22:40)

A Comma Separated Value (CSV) file is a way to store tabular data in a text file. It uses commas to separate columns of data, and newlines to separate rows. It may have zero or more header rows with column names or other data.

Example

```
"column a", "column b", "columnc"
1,2.3, "abc"
4,5.22, "def"
```

Custom Properties Created Sep 21, 2018 (22:40)

Users can create their own custom properties to enhance existing functionality and add new functionality to a component. Custom properties can be used like any other properties, and are important for passing parameters from one window to another especially for a popup window.

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(C) **22** terms

Comma Separated Value Created Oct 30, 2018 (18:54)

See CSV.

complex tag Created Oct 30, 2018 (18:55)

See UDT.
