

Module Messages

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Every message a module can put into its warning, info or error variable, with the level that decides which of the three it lands in. The texts are English in every language: they are values a plant writes into its own variables, and a peer, a dashboard or a mail template reading them must find the same words everywhere.

A `{name}` in a text marks where the module substitutes a value — an address, a register, a count. The **Code** is an internal identifier: it is never written into a variable and never appears in a message, and it is here so that a message whose wording improves can still be recognised as the same condition.

A code has one row per sentence. Its first row is the general sentence, which a module writes when it has nothing more specific to say; the rows after it are the other sentences modules write under the same code. The **Modules** column names the module types that write each sentence, or `all` when the engine writes it for every type.

See [Status and messages](#) for how the variables are assigned, and [Connectivity](#) for what each status means on a link.

Code	Level	Text	Modules
MODULE_OPENED	INFO	Module opened	all
MODULE_CLOSED	INFO	Module closed	all
ENGINE_STOPPED	INFO	Engine stopped	all
RECOVERED	INFO	Recovered after {n} failure (s) in {duration}	all
OPEN_FAILED	ERROR	Open failed: {reason}	all
CONFIG_INVALID	ERROR	Configuration invalid: {reason}	all
CONFIG_INVALID	ERROR	Configuration invalid: unsupported mode '{mode}'	WEB_SERVICE_OUT
CONFIG_INVALID	ERROR	Configuration invalid: timeout must be at least 1 ms, not {timeout}	WEB_SERVICE_OUT
CONFIG_INVALID	ERROR	No SMTP host	MAILER
CONFIG_INVALID	ERROR	No sender address	MAILER
CONFIG_INVALID	ERROR	Unsupported SMTP security '{security}'	MAILER
CONFIG_INVALID	ERROR	No host	S7-Client, EIP-Client, IEC104-Client
CONFIG_INVALID	ERROR	No endpoint URL	OPCUA-Client
CONFIG_INVALID	ERROR	No usable security policy: {policies}	OPCUA-Server

CONFIG_INVALID	ERROR	{field}: {type} is something a station reports, not a command this module can send	IEC104-Client
CONFIG_INVALID	ERROR	{field}: {type} is a command, and a collector reads rather than commands	IEC104-Client
CONFIG_INVALID	ERROR	{field}: a command point that is not writable can never do anything	IEC104-Server
LICENCE_REFUSED	ERROR	The licence does not admit this module	all
PROCESS_FAILED	WARNING	Notification failed: {reason}	all
PROCESS_FAILED	WARNING	Notification failed: processing {input}: {reason}	MERGER
CRON_INVALID	ERROR	Invalid schedule '{cron}': {reason}	MB-TCP-Master, MB-SER-Master, SCHEDULER, DOPULL, DBREPLICATOR, OPCUA-Client, S7-Client, EIP-Client, IEC104-Client
CRON_INVALID	ERROR	No schedule given	MB-TCP-Master, MB-SER-Master, SCHEDULER, DOPULL, DBREPLICATOR, OPCUA-Client, S7-Client, EIP-Client, IEC104-Client
CONNECTION_REFUSED	ERROR	Connection refused by {address}	MB-TCP-Master
NO_RESPONSE	ERROR	No response from {address}	MB-TCP-Master
NO_RESPONSE	ERROR	No response from {address} writing register {register}	MB-TCP-Master
NO_RESPONSE	ERROR	No response on {port}	MB-SER-Master
NO_RESPONSE	ERROR	No response on {port} writing register {register}	MB-SER-Master
MODBUS_EXCEPTION	WARNING	Modbus exception {code} ({meaning}) at register {register}	MB-TCP-Master, MB-SER-Master
CRC_ERROR	WARNING	Bad checksum on {n} frame(s)	MB-SER-Slave
CRC_ERROR	WARNING	Bad checksum on {port}	MB-SER-Master
CRC_ERROR	WARNING	Bad checksum from {address}	MB-TCP-Master
REQUEST_INVALID	WARNING	Invalid request discarded: {reason}	MB-TCP-Slave, IEC104-Server
REQUEST_INVALID	WARNING	Invalid request discarded: {address} is not an allowed client	IEC104-Server
PORT_OPENED	INFO	Serial port {port} opened	MB-SER-Master, MB-SER-Slave
PORT_BUSY	ERROR	Serial port {port} is busy	MB-SER-Master, MB-SER-Slave
PORT_NOT_FOUND	ERROR	Serial port {port} not found	MB-SER-Master, MB-SER-Slave

PORT_ACCESS_DENIED	ERROR	Access denied to serial port {port}	MB-SER-Master, MB-SER-Slave
PORT_LOST	WARNING	Serial port {port} lost	MB-SER-Slave
PORT_UNAVAILABLE	ERROR	Serial port {port} unavailable	MB-SER-Slave
BIND_FAILED	ERROR	Cannot listen on port {port}: {reason}	MB-TCP-Slave, OPCUA-Server, IEC104-Server
LISTENING	INFO	Listening on port {port}	MB-TCP-Slave, OPCUA-Server, IEC104-Server
CLIENT_CONNECTED	INFO	Client {address} connected	MB-TCP-Slave, IEC104-Server
CLIENT_DISCONNECTED	WARNING	Client {address} disconnected	MB-TCP-Slave, IEC104-Server
CONNECTED	INFO	Connected to {server}	OPCUA-Client, S7-Client, EIP-Client, IEC104-Client
SUBSCRIBED	INFO	Subscribed to {n} node(s)	OPCUA-Client
SUBSCRIBE_FAILED	WARNING	{n} of {total} node(s) refused by the server	OPCUA-Client
SUBSCRIBE_FAILED	WARNING	Subscription refused: {reason}	OPCUA-Client
DISCONNECTED	WARNING	Disconnected from {server}	OPCUA-Client, S7-Client, EIP-Client, IEC104-Client
SERVER_UNREACHABLE	ERROR	Server {server} unreachable	OPCUA-Client, IEC104-Client
SERVER_UNREACHABLE	ERROR	Server {server} unreachable: {reason}	OPCUA-Client
CERTIFICATE_UNTRUSTED	ERROR	Server certificate not trusted: {thumbprint}	OPCUA-Client
READ_FAILED	ERROR	Reading {node} failed: {reason}	OPCUA-Client
NODE_BAD_STATUS	WARNING	{node} returned {status}	OPCUA-Client
WRITE_REFUSED	WARNING	{node} refused the write: {reason}	OPCUA-Client
WRITE_REFUSED	WARNING	Writing {node} failed: {reason}	OPCUA-Client, S7-Client, EIP-Client
VALUE_REFUSED	WARNING	Variable {variable} refused the value: {reason}	OPCUA-Client, IEC104-Server
VALUE_REFUSED	WARNING	Variable {variable} could not be published: {reason}	OPCUA-Server
ADDRESS_INVALID	ERROR	{mapping}: {reason}	S7-Client, EIP-Client
ADDRESS_INVALID	ERROR	{mapping}: an information object address is 0 to 16777215, not {ioa}	IEC104-Client, IEC104-Server
ADDRESS_INVALID	ERROR	{mapping}: '{type}' is not a type this module carries	IEC104-Client, IEC104-Server
PLC_UNREACHABLE	ERROR	PLC {plc} unreachable	S7-Client, EIP-Client

TAG_REFUSED	WARNING	{address} returned {code}	S7-Client, EIP-Client
TAG_REFUSED	WARNING	{address} refused the write: {code}	S7-Client, EIP-Client
TAG_REFUSED	WARNING	{ioa} returned {type}, and the point is configured as {configured}	IEC104-Client
LINK_STOPPED	WARNING	The far end stopped data transfer: {reason}	IEC104-Client
SEQUENCE_ERROR	WARNING	Sequence out of step: {reason}	IEC104-Client
INTERROGATION_FAILED	WARNING	General interrogation did not complete: the station refused it	IEC104-Client
COMMAND_REFUSED	WARNING	Command to {ioa} refused: {reason}	IEC104-Client, IEC104-Server
COMMAND_REFUSED	WARNING	Command to {ioa} refused: the station returned a negative {cause}	IEC104-Client
COMMAND_REFUSED	WARNING	Command to {ioa} refused: the link is not up	IEC104-Client
QUALITY_INVALID	WARNING	{ioa} reported {quality}	IEC104-Client
PEER_UNKNOWN	ERROR	Peer '{peer}' is not defined	DOPUSH, DOPULL, DBREPLICATOR
PEER_UNKNOWN	ERROR	Peer '{peer}' is not defined (known: {peers})	DOPUSH, DOPULL, DBREPLICATOR
PEER_UNUSABLE	ERROR	Peer '{peer}' is disabled or has no secret	DOPUSH, DOPULL, DBREPLICATOR
PEER_REFUSED	ERROR	Peer '{peer}' refused the request: {reason}	DOPUSH, DOPULL, DBREPLICATOR
PEER_UNAVAILABLE	ERROR	Peer '{peer}' unavailable: {reason}	DOPUSH, DOPULL, DBREPLICATOR
PARTIAL_DELIVERY	WARNING	{n} of {total} variable(s) delivered	DOPUSH, DBREPLICATOR
VARIABLES_MISSING	WARNING	{n} variable(s) not defined on the peer	DOPULL
LOGGER_UNKNOWN	ERROR	Logger '{logger}' is not defined	DBREPLICATOR
TARGET_NOT_FOUND	ERROR	Target logger '{target}' not found on the peer	DBREPLICATOR
TARGET_DISABLED	ERROR	Target logger '{target}' is disabled on the peer	DBREPLICATOR
BACKLOG_PENDING	WARNING	Replication behind: more than {n} row(s) pending	DBREPLICATOR
CAUGHT_UP	INFO	Replication caught up	DBREPLICATOR

DATABASE_OPENED	INFO	Database {file} opened	LOGGER
DATABASE_UNAVAILABLE	ERROR	Database unavailable: {n} rows dropped	LOGGER
DATABASE_UNAVAILABLE	ERROR	Database unavailable: {reason}	LOGGER
QUEUE_BACKLOG	WARNING	Logging queue backlog: {n} row(s) waiting	LOGGER
NO_INPUTS	ERROR	No inputs	MERGER
NO_OUTPUT	ERROR	No output	MERGER
UNKNOWN_INPUT	ERROR	Input {input} is not a variable	MERGER
UNKNOWN_OUTPUT	ERROR	Output {output} is not a variable	MERGER
FILTER_SYNTAX	ERROR	Filter does not compile: {reason}	MERGER
BOUND_NAME_COLLISION	WARNING	Variable {name} has the name of the bound value, so the filter cannot read it	MERGER
TYPE_NOT_ASSIGNABLE	WARNING	Input {input} ({from}) cannot be assigned to output {output} ({to})	MERGER
FILTER_FAILED	WARNING	Filter failed for {input}: {reason}	MERGER
FILTER_NOT_BOOLEAN	WARNING	Filter returned {type}, not a boolean	MERGER
OUTPUT_REFUSED	WARNING	Output {output} refused {value}: {reason}	MERGER
OUTPUT_FAILED	WARNING	Writing output {output} failed: {reason}	MERGER
SMTP_AUTH_REFUSED	ERROR	The mail server refused the credentials	MAILER
SEND_FAILED	ERROR	Mail delivery failed: {reason}	MAILER
HTTP_STATUS	ERROR	HTTP {status} from {url}	WEB_SERVICE_OUT
REQUEST_FAILED	ERROR	Request to {url} failed: {reason}	WEB_SERVICE_OUT

This page describes Data Orchestrator engine 6.12.0.