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# **Okuma America Corporation**

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## **THINC-API Release Notes for Grinder**

**Document No.: S5015-064-004**

THINC-API	Version: S5015-064-04
Release Notes For Grinder	Date: 10/22/2018

## Revision History

Date	Version	Description	Author
09/26/2016	S5015-064-00	Public release for Grinder THINC-API version 1.0.0.0	LHuynh
08/21/2017	S5015-064-02	Public release for THINC-API version 1.20.0.0	LHuynh
06/20/2018	S5015-064-03	Public release for THINC-API version 1.21.1.0	LHuynh
01/09/2019	S5015-064-04	Public Release for THINC-API version 1.22.0.0	LHuynh

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# Release Notes for Grinder

## 1. Introduction

### 1.1 Disclaimer of Warranty

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### 1.2 Purpose

The purpose of the **Release Notes** document is to communicate major new features and changes in this release of the THINC-API for Grinder libraries. It also documents known problems and workarounds.

### 1.3 Scope

This document describes the Public Release 1.22.0.0 of THINC-API.

### 1.4 Definitions, Acronyms, and Abbreviations

GAC – Global Assembly Cache Windows folder

### 1.5 References

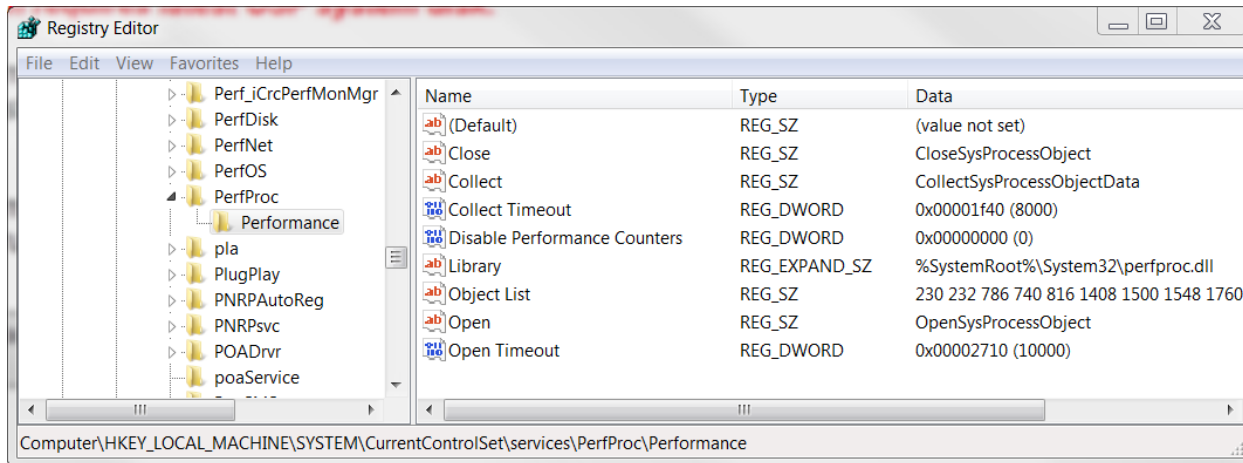
None.

## 2. About This Release

Public Release of the THINC-API library for Grinder supports the following:

From this release and forward, THINC API libraries will check dependency libraries during installation. THINC API will fail to install if version of dependency OCJ libraries cannot support current version of THINC API.

From this release and forward, API Notifier will delay the checking of API for an approximately of 1 minutes or so after NC is running. API Notifier service does use Windows Performance Counters service. As a result, API Notifier will not run correctly if Windows Performance Counters service is not enable. During the installation of THINC-API, Windows Performance Counters will be reset to 0 in the Windows system registry as shown below:



Libraries included in this release for Grinder are compiled with .NET Framework 4.0:

Version of Okuma.CGDATAPI.dll in this release is 1.2.0.0

Version of Okuma.CGCMDDAPI.dll in this release is 1.1.0.0

Version of APINotifierService.exe in this release is 1.22.0.0

Version of APINotifierStatus.exe in this release is 1.3.0.0

Version of Okuma.Flexnet.Net4.dll in this release is 1.0.0.0

Version of Okuma.Apilog2.dll in this release is 1.2.0.0

This release requires OCJ custom API version 001A on target machine. THINC-API will verify the existing of OCJ custom API version before performing the installation.

The PLC system package listed in the table per control type is also required.

OSP	PLCS package
P300	PLCS300A or higher

### 3. Features

None

### 4. Known Bugs and Limitations

This section identifies known and existing problems in this release and describes any work-arounds.

#### 4.1 Defects Fixed in this Release

##### 4.1.1 DATA-API

Symptom: All functions that can support data unit in metric or inch will not add decimal value correctly when the decimal value is 0.0001 or 0.00001 inches.