

# Namespace Identifier Assigner Plugin



The Namespace Identifier Assigner Plugin is *Experimental*, and is based on a draft API.

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## About

The Namespace Identifier Assigner Plugin allows for [Registry Identifier Assignment](#) to be performed by an external system using a standard API. The API is the [TAP Namespace API](#), a RESTful API currently in draft status.

## Configuration

While Identifier Assigner plugins are not instantiated, per-CO configuration of the Namespace Assigner is handled via *CO Settings > Namespace Assigner Settings*.

1. This is a non-core plugin, see [Installing and Enabling Registry Plugins](#) for more information.
2. Define a new HTTP Server via *Servers > Add a New Server*.
3. Attach the HTTP Server to the CO configuration via *CO Settings > Namespace Assigner Settings*.
  - a. The Server URL should be the prefix *not including* the `/v1/allocations` path. eg: <https://namespace.university.edu>
  - b. If using *HTTP Authentication Type* of *Bearer*, place the token in *Password* and leave *Username* blank.
4. Define a new Identifier Assignment via *CO Settings > Add Identifier Assignment*.
  - a. Select the appropriate Identifier *Type*.
    - i. The *name* of the corresponding [Extended Type](#) will be used in the API request to the server.
  - b. Set *Algorithm* to *Plugin*.
  - c. Select the NamespaceAssigner plugin.

## Attributes

The Namespace Assigner currently only supports identifier assignment for CO People, not for other contexts.

The plugin currently sends the first Name of type `official` returned for the subject CO Person in the API request to the server, including given, middle, and family names (if set). No other attributes are currently supported.

## See Also

- [cm\\_namespace\\_assigner\\_settings](#)
- [Identifier Assignment Plugins](#)