

AWS Parameter Store Plugin

A Jenkins plugin to populate environment variables from [AWS Parameter Store](#).

Plugin Information
View AWS Parameter Store Build Wrapper on the plugin site for more information.

Overview

This plugin collects parameters from the AWS Parameter Store and sets them as environment variables for a build.

Each AWS Parameter Store parameter name is converted to uppercase and any non-numeric characters are converted to underscores. For example, the parameter name `my-param1` with value `my-value1` would become the environment variable `MY_PARAM1=my-value1`.

This plugin is compatible with [AWS Parameter Store Hierarchies](#). A **path** and **recursive** indicator can be specified to pass to the `GetParametersByPath` API call. The **naming** parameter can be used to specify how the environment variable is derived from the **path**:

- **basename** - anything after the last '/' is the variable name (e.g. with path `/service`, parameter `/service/app/param` becomes `PARAM`)
- **relative** - anything after the **path** is the variable name (e.g. with path `/service`, parameter `/service/app/param` becomes `APP_PARAM`)
- **absolute** - the full path with parameter name is the variable name (e.g. with path `/service`, parameter `/service/app/param` becomes `SERVICE_APP_PARAM`)

Parameter types are handled as follow:

- **String** parameter values are unchanged
- **SecureString** parameter values are decrypted
- **StringList** parameter values are set as comma-separated values

Configuration

The plugin is configured on each build configuration page:

With AWS Parameter Store

AWS Credentials:

AWS Region Name:

Path:

Recursive:

Naming:

Name Prefixes:

This has the following fields:

- **AWS Credentials** - the id of credentials added via the [AWS Credentials Plugin](#)
- **AWS Region Name** - the region name to search for parameters (defaults to `us-east-1`)
- **Path** - the hierarchy for the parameters
- **Recursive** - whether to retrieve all parameters within a hierarchy
- **Naming** - whether the environment variable should be **basename**, **relative** or **absolute**

Pipelines

This plugin can be included in your `Jenkinsfile`, for example:

```
withAWSParameterStore(credentialsId: '', naming: 'relative', path: '/service', recursive: true, regionName: 'eu-  
west-1') {  
  // some block  
}
```

ChangeLog

1.1.0 (2018-04-05)

- Add support for pipelines
- Add naming options for environment variables: basename, absolute, relative
- Migrate deprecated AWS API calls

1.0.0 (2018-03-27)

- Initial release