

# AWS Parameter Store Plugin

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

| Plugin Information  |
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| View AWS Parameter Store Build Wrapper <a href="#">on the plugin site</a> 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