

## OpenCredo Cloud-Storage project v.1.2

The goal of the OpenCredo Cloud-Storage project is to facilitate communication between java applications and storage in the cloud. It consist of 5 modules: **cloud-storage-template**, **cloud-storage-s3**, **cloud-storage-jcloud**, **cloud-storage-azure** and **cloud-storage-spring-integration-support**.

- **cloud-storage-template** – defines a simple API to interact with cloud data storage providers.
- **cloud-storage-jcloud** – new for this version, an implementation of the **cloud-storage-template** that is backed by the Jcloud project. It uses the version v.1.1.0 library (<http://www.jcloud.org>) underneath to access the storage.
- **cloud-storage-s3** – is an implementation of the **cloud-storage-template** that makes possible to interact with Amazon's Simple Storage Service (S3). It uses the jets3t v.0.8.1 library (<http://jets3t.s3.amazonaws.com>) underneath to access the storage.
- **cloud-storage-azure** – is also an implementation of the **cloud-storage-template** and it supports connecting the Microsoft Azure Blob Service with Java™ applications. At the moment it supports only Block blobs (up to 64MB). Blobs are accessed through the REST API provided by Azure and the implementation is based on Storage Services v.2009-09-19.
- **cloud-storage-spring-integration-support** – uses either implementation of **cloud-storage-template** and integrates elegantly with Spring-Integration based applications in order to channel messages to cloud storage and back again. In order to make it as simple as possible to configure, this project also provides a custom namespace for cloud storage access adapters.

Projects have been tested against Amazon S3 and Microsoft Azure Blob, and for JClouds, a local file system storage.