

# BagIt

## BagIt File Packaging Format

BagIt is a set of hierarchical file layout conventions for storage and transfer of arbitrary digital content. A "bag" has just enough structure to enclose descriptive metadata "tags" and a file "payload" but does not require knowledge of the payload's internal semantics. This BagIt format is suitable for reliable storage and transfer.

|                   |   |
|-------------------|---|
| Name:             | BagIt                                       |
| Version:          | 1.0 (October 2018)                          |
| Status:           | Production                                  |
| Specification:    | <a href="#">BagIt File Packaging Format</a> |
| Download:         | Not available                               |
| More information: | <a href="#">Wikipedia page</a>              |

## Implementations

### Library of Congress

- [BagIt Software Tools and Documentation](#)
- [Video](#)
- A [RESTful BagIt server](#)
- [Bagger](#) : a cross-platform GUI for creating and performing operations on bags according to the BagIt Specification.

### Florida Center for Library Automation

- [RubyBagIt \(Ruby\)](#) (was <http://rubyforge.org/projects/bagit/>)

### Andrew Hankinson:

- [PYBagIt \(Python\)](#)
- [Documentation](#)

### Mark Jordan

- [BagIt module for Drupal](#)

### Ed Summers

- [bagit \(Python\)](#)

### University of Virginia

- Scholars' Lab [BagItPHP Library](#)

### Stanford University

- Ruby utilities for archival data (BagIt, Fixity, Tarfile): <https://github.com/sul-dlss/archive-utils>