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New issue



# Add more consistency checks in zipfile #139700

Closed

Labels

3.10

3.11

3.12

3.13

3.14

3.15

stdlib

type-security



serhiy-storchaka opened on Oct 7, 2025 · edited by bedevere-app

Edits ▾

Member



`zipfile` supports ZIP archives with prepended data (such as SFX executable or zipapp program). Normally, ZIP archive contains offsets from the beginning of the ZIP file, but if it detects that the central directory is located at other position, it corrects locations of all files by the corresponding offset.

There is also "Zip64 end of central directory record" offset for which is written explicitly and can be used to calculate the size of prepended data. Currently its consistency with the central directory offset is not tested.

## Linked PRs

- [gh-139700: Check consistency of the zip64 end of central directory record #139702](#)
- [\[3.14\] gh-139700: Check consistency of the zip64 end of central directory record \(GH-139702\) #139706](#)
- [\[3.13\] gh-139700: Check consistency of the zip64 end of central directory record \(GH-139702\) #139708](#)
- [\[3.12\] gh-139700: Check consistency of the zip64 end of central directory record \(GH-139702\) \(GH-139708\) #139712](#)
- [\[3.11\] gh-139700: Check consistency of the zip64 end of central directory record \(GH-139702\) \(GH-139708\) #139713](#)
- [\[3.10\] gh-139700: Check consistency of the zip64 end of central directory record \(GH-139702\) \(GH-139708\) #139714](#)
- [\[3.9\] gh-139700: Check consistency of the zip64 end of central directory record \(GH-139702\) \(GH-139708\) #139715](#)

StanFromIreland added this to [Zipfile issues](#) on Oct 7, 2025

**StanFromIreland** added **stdlib** **type-feature** on Oct 7, 2025

**serhiy-storchaka** added a commit that references this issue on Oct 7, 2025  
[pythongh-139700](#): Check consistency of the zip64 end of central direct. ... 8e208c6

**bedevere-app** mentioned this on Oct 7, 2025  
[gh-139700](#): Check consistency of the zip64 end of central directory record #139702

**StanFromIreland** added **type-security** **3.11** **3.10** **3.12** **3.13** **3.14** **3.15** and removed **type-feature** on Oct 7, 2025

**serhiy-storchaka** added a commit that references this issue on Oct 7, 2025  
[gh-139700](#): Check consistency of the zip64 end of central directory re. ... **Verified** 162997b

**miss-islington** added a commit that references this issue on Oct 7, 2025  
[pythongh-139700](#): Check consistency of the zip64 end of central direct. ... 5454f86

33 remaining items

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### Metadata

#### Assignees

No one assigned

#### Labels

**3.10** **3.11** **3.12** **3.13** **3.14** **3.15** **stdlib** **type-security**

#### Projects

Zipfile issues

Status

Done



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**Milestone**

No milestone

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**Relationships**

None yet

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**Development**

No branches or pull requests

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**Participants**

