

# CEPC Software Web

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# Home Page

- <http://cepcsoft.ihep.ac.cn/>

The screenshot shows the homepage of the CEPC Software website. At the top, there is a red navigation bar with the text "CEPC Software" in white, followed by links for "Documentations", "Releases", "Packages", and "Github". Below the navigation bar, the main content area has a light beige background. A large brown header "Release" is followed by a sub-header "CEPC software release is still in development status. The latest version is 0.1.0-rc4." in brown. Below this, a link "Find summary for releases in [release notes](#)." is shown. A horizontal line separates this from the "Documentation" section, which features a large brown header "Documentation". Under "Documentation", there are two bullet points: "Quick start." and "Full documentations on CEPC software.". At the bottom of the page, a footer bar contains the text "COPYRIGHT 2018 CEPC, IHEP, CAS" in brown.

**CEPC Software** Documentations Releases Packages Github

## Release

CEPC software release is still in development status. The latest version is 0.1.0-rc4.

Find summary for releases in [release notes](#).

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## Documentation

- Quick start.
- Full documentations on CEPC software.

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# Documentation

- <http://cepcsoft.ihep.ac.cn/docs/>
- Detailed documentations about CEPC software
- Easy navigation



The screenshot shows the homepage of the CEPC Software Documentation website. The header is orange with the text "CEPC Software" in white. Below the header is a navigation bar with three items: "Documentations", "Releases", and "Packages". The main content area has a light gray background. On the left, there is a sidebar with a vertical list of links: "CEPC Software", "Simulation", "Tracking", "PFA", "Starting from Scratch", "Release Note", "Development Guide", "Team & Contact", "About Web", and "SandBox". The right side of the page features a large title "CEPC Software Documentation" in bold red text, followed by a sub-section titled "Documentation Contents" with a list of topics.

**CEPC Software Documentation**

Welcome to the CEPC software documentation.

**Documentation Contents**

- CEPC Software
  - Software Architecture
  - Software Framework
  - Event Display
  - Packages
- Simulation
  - Simulation
  - demo1
  - demo2
- Tracking
  - CEPC Tracking
  - Software

# Package List

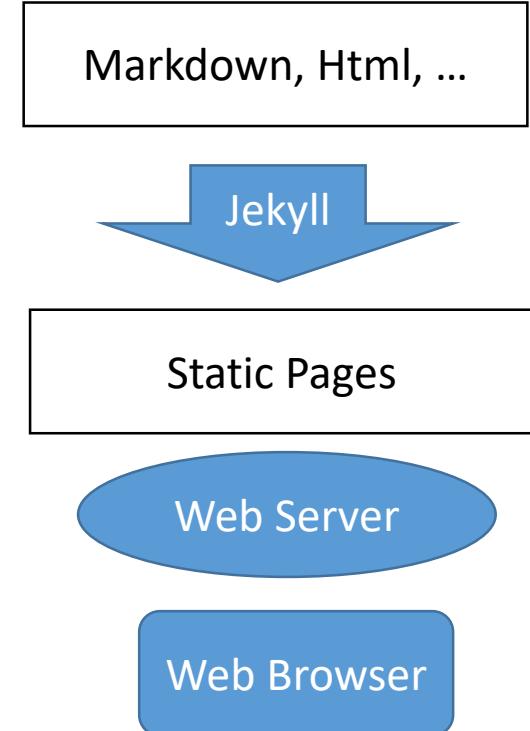
- <http://cepcsoft.ihep.ac.cn/package/>
- Backup all packages
- Also as an alternative source for installation
- This page is independent with other pages

## Index of /package/cepcsoft/

.. /	
<a href="#">Arbor/</a>	14-Dec-2017 11:43
<a href="#">BBQ/</a>	04-Dec-2017 13:51
<a href="#">CED/</a>	04-Dec-2017 13:41
<a href="#">CEDViewer/</a>	04-Dec-2017 13:42
<a href="#">CLHEP/</a>	04-Dec-2017 13:31
<a href="#">CMake/</a>	04-Dec-2017 13:29
<a href="#">Clupatra/</a>	04-Dec-2017 13:47
<a href="#">CondDBMySQL/</a>	04-Dec-2017 13:40
<a href="#">DD4hep/</a>	04-Dec-2017 13:53
<a href="#">Druid/</a>	15-Dec-2017 04:11
<a href="#">FastJet/</a>	04-Dec-2017 13:42
<a href="#">FastJetClustering/</a>	04-Dec-2017 13:42
<a href="#">ForwardTracking/</a>	04-Dec-2017 13:48
<a href="#">GBL/</a>	04-Dec-2017 13:43
<a href="#">GCC/</a>	04-Dec-2017 13:24
<a href="#">GDML/</a>	04-Dec-2017 13:52
<a href="#">GEAR/</a>	04-Dec-2017 13:39
<a href="#">GSL/</a>	04-Dec-2017 13:31
<a href="#">Garlic/</a>	04-Dec-2017 13:51
<a href="#">Geant4/</a>	04-Dec-2017 13:31
<a href="#">HepPDT/</a>	04-Dec-2017 13:52
<a href="#">ILCUTIL/</a>	04-Dec-2017 13:36
<a href="#">Ka1Det/</a>	11-Dec-2017 03:52
<a href="#">Ka1Test/</a>	04-Dec-2017 13:43
<a href="#">KiTrack/</a>	04-Dec-2017 13:48
<a href="#">KiTrackMarlin/</a>	04-Dec-2017 13:48
<a href="#">LCDD/</a>	04-Dec-2017 13:44
<a href="#">LCDL/</a>	04-Dec-2017 13:52
<a href="#">LCFIPPlus/</a>	04-Dec-2017 13:47
<a href="#">LCFIVertex/</a>	04-Dec-2017 13:47
<a href="#">LCIO/</a>	04-Dec-2017 13:39
.. .	.. .

# Static Generated Site

- The web is a static
  - Fast
  - Secure
  - Easy to work with version control
- Jekyll as the static site generator
  - The sites need to be built first before deploy to web server



# Auto Deploy

- The web is automatically built after changes pushed to GitLab
- Currently it would take less than half minutes to see to update

# Web Content on CEPC GitLab

- <http://cepcgit.ihep.ac.cn/web/>
  - All contents of CEPC software web under this group
- Projects
  - cepcsoft-frame
    - Web frame, layout, style
  - cepcsoft.ihep.ac.cn
    - Contain the main part of contents
  - Other projects
    - Chapter of documentations

The screenshot shows the GitLab interface for the 'web' group. At the top, there's a navigation bar with icons for search, filters, and project management. Below it, a header bar displays the group name 'web'. The main area is a list of projects, each represented by a colored circle icon and its name. The projects listed are: cepcsoft.ihep.ac.cn (blue), cepcsoft-frame (orange), Tracking (light blue), PFA (purple), Simulation (pink), SandBox (teal), and Reconstruction (light purple). Each project entry includes a 'Last updated' timestamp and a 'More options' button.

Project	Last updated	Actions
cepcsoft.ihep.ac.cn	updated about 11 hours ago	[More options]
cepcsoft-frame	updated a week ago	[More options]
Tracking	updated a month ago	[More options]
PFA	updated a month ago	[More options]
Simulation	updated a month ago	[More options]
SandBox	updated a month ago	[More options]
Reconstruction	updated a month ago	[More options]

# Contribute to the Web Pages

- <http://cepcsoft.ihep.ac.cn/docs/web/frame/>
- Must be user of CEPC GitLab
- Ask for the access of the project
- Use git to edit web content
  - git clone  
git@cepcgit.ihep.ac.cn:web/<package\_name>.git
  - git commit -m <comments>
  - git push

# Edit on GitLab

- The pages can also be edited directly on GitLab
- Click the edit icon
  - Make sure the access is granted

The screenshot shows the CEPC Software website. At the top, there is a navigation bar with the following items: **CEPC Software** (highlighted in white), Documentations, Releases, Packages, and Github. Below the navigation bar, on the left side, is a sidebar with the following links: CEPC Software, Simulation, Tracking, PFA, Starting from Scratch, Quick Start, and Install CEPC Software. The main content area has a header **Quick Start**. To the right of the header is a red circle with a white pencil icon, indicating an edit link. Below the header, there is a section titled **Install CEPC Software**. The text in this section states: "There are two methods to use CEPC software." followed by a bullet point: "• Full installation. This will install all the packages of CEPC software by compiling from the source."

# Write the Pages

- Most pages use Markdown to write the contents
- Easy to write and read
- <http://cepcsoft.ihep.ac.cn/docs/web/content/>
- Complex pages could be written in html