

Accessibility evaluation for the Catalogue

[WAVE tool \(wave.webaim.org/\)](https://wave.webaim.org/) used to evaluate the catalogue. Below you will find the various types of errors and warnings to keep in mind. Changes have been made to improve most alerts and errors. Evaluation remarks and details are on the left.

The following apply to the entire page:

en-us

... would be to use what we learnt from experience in the Data Preservation, the Digital Memory and our Open Source expertise to organise our historical information and repositories and documents with the FAIR principles in mind.

FAIR Principles

- Findable
- Accessible
- Interoperable
- Reusable

Wilkinson, M., et al. The FAIR Guiding Principles for scientific data management and stewardship. *Sci Data* 3, 160018 (2016). [10.1038/sdata.2016.18](https://doi.org/10.1038/sdata.2016.18)

The Turing Way project illustration by Scriberia. Used under a CC-BY 4.0 licence. DOI: [10.5281/zenodo.3332807](https://doi.org/10.5281/zenodo.3332807)

#Alert Principles image

Credits

Material from this page taken from documents by M.Dimou, F.Hemmer, S.Jarp, J.-Y.LeMeur, M.Marquina, L.Robertson, B.Segal and many more.

Surely plenty of stuff missing here...

Please use the [Contact](#) link to send us suggestions for new entries.

Code

powered by WebAIM

web accessibility evaluation tool

Address: <https://it-edu.web.cern.ch/catalogue/corr>

Styles: OFF ON

Reference

Summary Details Reference Order Structure Contrast

Alerts

Suspicious alternative text

What It Means

Alternative text is likely insufficient or contains extraneous information.

Why It Matters

If the alternative text for an image does not provide the same content or information conveyed by the image, that content will not be available to screen reader users and when images are unavailable.

What To Do

Ensure that the alternative text for the image or image input provides a succinct, yet equivalent alternative to the content and function of the image. Screen readers and browser presentation inform the user that the object is an image, so alternative text of "image of..." (and similar) should be avoided. If the image does not convey content or if the content is presented in nearby text (e.g., a caption), null/empty alternative text (alt="") is appropriate.

The Algorithm... in English

The alt text value of an image or image button:

- begins with "graphic of", "bullet", or "image of"
- ends with "image" or "graphic"
- contains only space characters (alt=" ")
- is an image file name (e.g. alt="photo.gif")
- is one of the following: "image", "graphic", "photo", "photograph", "drawing", "painting", "artwork", "logo", "bullet", "button", "arrow", "more", "spacer", "blank", "chart", "table", "diagram", "graph", or "+"

Standards and Guidelines

- [1.1.1 Non-text Content \(Level A\)](#)

[icon index](#)

The following apply to the entire page:

en-us

• CERNphone desktop: A softphone app for Windows, MacOS and Linux developed at CERN.

There are five thousand CERN users, who have installed the CERNphone application. In cases where a physical telephone device is needed, for example secretariats or control rooms, an IP phone installation is authorised. If you think you are eligible explain the reasons [here](#).

Why use CERNphone?

There are several drivers behind CERNphone:

- Focus on software-based solutions replacing physical phones and avoiding associated costs (such as purchasing, installation and renewal of IP phones, networking switches and outlets, cabling).
- Reduce costs originated by mobile calls - calls placed via CERNphone to non-CERN numbers are much cheaper than those placed via CERN's mobile subscriptions, even when on data roaming.
- Use fixed telephony phone numbers owned by and reserved for CERN, rather than mobile numbers that may change again on future tenders. - It is cheaper to install CERNphone on your mobile telephone and use that for calls to CERN, than just dial a number!
- It is also much more cost-effective to use CERNphone for telephone calls abroad, [check the Features section](#).

Steps and Links

- [Service page](#)
- [Telephony resource portal](#) - you may obtain a telephone number here, valid until the end of your contract
- [Full documentation](#) - you can follow the installation and configuration instructions
- [February 2022 announcement](#)
- [November 2022 announcement update](#)
- [A collection of all CERN IT Telecom Service links](#)

Something missing here?

Code

powered by WebAIM

web accessibility evaluation tool

Address: <https://it-edu.web.cern.ch/catalogue/corr>

Styles: OFF ON

Reference

Summary Details Reference Order Structure Contrast

Alerts

Suspicious link text

What It Means

Link text contains extraneous text or may not make sense out of context.

Why It Matters

Links, which are often read out of context, should clearly describe the destination or function of the link. Ambiguous text, text that does not make sense out of context, and extraneous text (such as "click here") can cause confusion and should be avoided.

What To Do

Where appropriate, reword the link text so that it is more descriptive of its destination when read out of context. Remove any extraneous text (such as "click here").

The Algorithm... in English

A link (including alt text of linked images) contains the phrase "click here" or "click", or the link text is "click here", "here", "more", "more...", "details", "more details", "link", "this page", "continue", "continue reading", "read more", or "button".

Standards and Guidelines

- [2.4.4 Link Purpose \(in Context\) \(Level A\)](#)

[icon index](#)

The following apply to the entire page:

en-us

What is CERNphone?

Why use CERNphone?

Steps and Links

Something missing here?

The following apply to the entire page:

en-us

• CERNphone desktop: A softphone app for Windows, MacOS and Linux developed at CERN.

There are five thousand CERN users, who have installed the CERNphone application. In cases where a physical telephone device is needed, for example secretariats or control rooms, an IP phone installation is authorised. If you think you are eligible explain the reasons [here](#).

Why use CERNphone?

There are several drivers behind CERNphone:

- Focus on software-based solutions replacing physical phones and avoiding associated costs (such as purchasing, installation and renewal of IP phones, networking switches and outlets, cabling).
- Reduce costs originated by mobile calls - calls placed via CERNphone to non-CERN numbers are much cheaper than those placed via CERN's mobile subscriptions, even when on data roaming.
- Use fixed telephony phone numbers owned by and reserved for CERN, rather than mobile numbers that may change again on future tenders. - It is cheaper to install CERNphone on your mobile telephone and use that for calls to CERN, than just dial a number!
- It is also much more cost-effective to use CERNphone for telephone calls abroad, [check the Features section](#).

Steps and Links

- [Service page](#)
- [Telephony resource portal](#) - you may obtain a telephone number here, valid until the end of your contract
- [Full documentation](#) - you can follow the installation and configuration instructions
- [February 2022 announcement](#)
- [November 2022 announcement update](#)
- [A collection of all CERN IT Telecom Service links](#)

Something missing here?

Code

powered by WebAIM

web accessibility evaluation tool

Address: <https://it-edu.web.cern.ch/catalogue/corr>

Styles: OFF ON

Reference

Summary Details Reference Order Structure Contrast

Alerts

Suspicious link text

What It Means

Link text contains extraneous text or may not make sense out of context.

Why It Matters

Links, which are often read out of context, should clearly describe the destination or function of the link. Ambiguous text, text that does not make sense out of context, and extraneous text (such as "click here") can cause confusion and should be avoided.

What To Do

Where appropriate, reword the link text so that it is more descriptive of its destination when read out of context. Remove any extraneous text (such as "click here").

The Algorithm... in English

A link (including alt text of linked images) contains the phrase "click here" or "click", or the link text is "click here", "here", "more", "more...", "details", "more details", "link", "this page", "continue", "continue reading", "read more", or "button".

Standards and Guidelines

- [2.4.4 Link Purpose \(in Context\) \(Level A\)](#)

[icon index](#)

The following apply to the entire page:

en-us

Suspicious link text

Link text contains extraneous text or may not make sense out of context.

What is CERNphone?

Why use CERNphone?

Steps and Links

Something missing here?

WAVE powered by WebAIM
web accessibility evaluation tool

Address: <https://it-edu.web.cern.ch/catalogue/cern>

Styles: OFF ON

Details

Summary Details Reference Order Structure Contrast

2 Alerts

- 2 X Link to PDF document

4 Features

- 1 X Null or empty alternative text
- 1 X Linked image with alternative text
- 1 X Form label
- 1 X Language

23 Structural Elements

- 1 X Heading level 1
- 1 X Heading level 2
- 5 X Heading level 3
- 9 X Unordered list
- 1 X Header
- 2 X Navigation

The following apply to the entire page:



Contacts



- For CERN users' feedback/inquiries/requests/incidents on CERNBox use [this Service Now link](#)
- Contact person in case of interview request or VIP visit specifically interested in this service: [Hugo Gonzalez Labrador](#)

CERNBox-related References



- [Documentation](#)
- [E-learning modules](#)
- [CERNBox: the CERN cloud storage hub](#) (Paper from 2018)
- [ownCloud](#)
- [EOS Grafana overview](#)

More CERN Storage solutions References



- [Introduction to CERNBox](#)
- [EOS](#)
- <https://cs3mesh4eosc.eu/>
- [CERN Data Centre Key Information](#)
- [ScienceBox](#)

Something missing here?

Use the [Contact](#) link to send us suggestions for new entries.



- Key figures
- Contacts
- CERNBox-related References
- More CERN Storage solutions References
- Something missing here?

WAVE powered by WebAIM
web accessibility evaluation tool

Address: <https://it-edu.web.cern.ch/categories/inn>

Styles: OFF ON

Reference

Summary Details Reference Order Structure Contrast

Alerts

Skipped heading level

What It Means

A heading level is skipped.

Why It Matters

Headings provide document structure and facilitate keyboard navigation by users of assistive technology. These users may be confused or experience difficulty navigating when heading levels are skipped.

What To Do

Restructure the document headings to ensure that heading levels are not skipped.

The Algorithm... in English

A heading level is skipped (e.g., an <h1> is followed by an <h3>, with no intermediate <h2>). Note that an <h1> is not required to be the first heading within the document.

Standards and Guidelines

- [1.3.1 Info and Relationships \(Level A\)](#)
- [2.4.1 Bypass Blocks \(Level A\)](#)
- [2.4.6 Headings and Labels \(Level AA\)](#)

[Icon index](#)

The following apply to the entire page:



In this page you can find events, lectures, hackathons organised by the:

CERN Quantum Technology Initiative (QTI)



- [Technical documents, presentations and other materials](#)
- [Education and training entry point](#)
- [YouTube playlist](#)
- [More news and updates on the website](#)
- [Twitter](#)
- [LinkedIn](#)

CERN openlab



- [Education and training entry point](#)
- [Summer student lectures in YouTube](#)
- [More news and updates on the website](#)
- [Twitter](#)
- [Facebook](#)
- [Webfest](#) - An openlab-organised weekend **hackathon** with a different theme every year. See projects and winners from previous years.

Other suggestions



- If you have time for nothing else, please check this [introductory course on quantum computing](#)
- And here is a [more general collection of Quantum Science & Technology links](#)

Something missing here?

Use the tags in the [Catalogue](#) for more related documents. [Contact us](#) suggestions for new entries.



- CERN Quantum Technology Initiative (QTI)
- CERN openlab
- Other suggestions
- Something missing here?



powered by **WebAIM**

web accessibility evaluation tool

Styles: OFF ON

Reference

Summary Details Reference Order Structure Contrast

Alerts

Possible heading

What It Means
Text appears to be a heading but is not a heading element.

Why It Matters
Heading elements (<h1>-<h6>) provide important document structure, outlines, and navigation functionality to assistive technology users. If heading text is not a true heading, this information and functionality will not be available for that text.

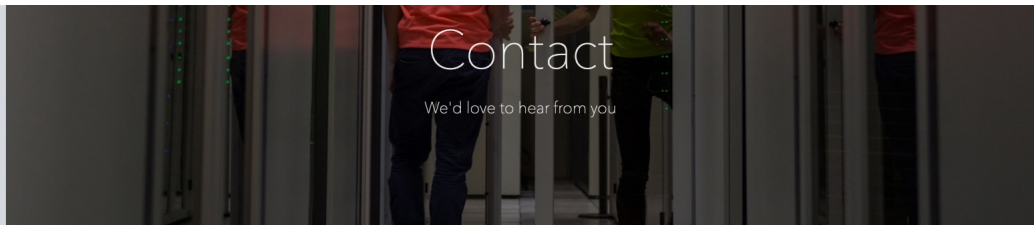
How to Fix It
If the paragraph is a section heading, use a heading element instead (<h1>-<h6>).

The Algorithm... in English
A <p> element contains less than 50 characters and is either:
• 20 pixels or bigger
• 16 pixels or bigger and bold and/or italicized

Standards and Guidelines

- 1.3.1 Info and Relationships (Level A)
- 2.4.1 Bypass Blocks (Level A)
- 2.4.6 Headings and Labels (Level AA)

[Icon Index](#)



Contact

We'd love to hear from you

This site hosts the CERN IT Education Materials' Catalogue, an effort to group and promote the vast amount of Educational information we have on the Web. It is created and curated by the CERN IT-GOV-CEO team.

The Web was born at CERN. The very first website of the planet was created at CERN. Such a long tradition, governed by a very liberal content policy, leads, for the newcomer and general public, to a confusing mesh of information, documentation, web sites and other material. The Web is now vast. So, even if an information is out there, finding it is not obvious.

This site tries to address this issue. If we missed important pointers to CERN IT Educational material, please send an email to it-dep-gov-ceo@cern.ch

Thank you for being here!



powered by **WebAIM**

web accessibility evaluation tool

Styles: OFF ON

Summary

Summary Details Reference Order Structure Contrast

0	16
Errors	Contrast Errors
1	3
Alerts	Features
21	0
Structural Elements	ARIA

[View details](#)

CATEGORIES

Innovation

- Lectures
- Webfest
- Colloquia
- Quantum Technology
- Openlab
- Talks

In this page you can find events, lectures, hackathons organised by the:

CERN Quantum Technology Initiative (QTI)

- [Technical documents, presentations and other materials](#)
- [Education and training entry point](#)
- [YouTube playlist](#)
- [More news and updates on the website](#)
- [Twitter](#)
- [LinkedIn](#)

CERN openlab

- [Education and training entry point](#)
- [Summer student lectures in YouTube](#)
- [More news and updates on the website](#)
- [Twitter](#)
- [Facebook](#)
- [Webfest - An openlab-organised weekend hackathon with a different theme every year. See \[here\]\(#\) for more information.](#)

- CERN Quantum Technology Initiative (QTI)
- CERN openlab
- Other suggestions
- Something missing here?

