



香港大學的無障礙網頁發展 Developing Web Accessibility in The University of Hong Kong

30 Jan 2018 by Mr. Victor Chan



The University of Hong Kong
Information Technology Services



背景資料

- 香港大學設有平等機會事務處協助大學建立一個提供平等機會而沒有歧視和騷擾的環境。
- 學生發展及資源中心為有特殊教育需要的學生提供支持
- 資訊科技服務主要負責無障礙網頁支援



香港大學有關 無障礙學習的方針



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政策及指引

- 部門網頁政策及指引
- 為視障人士預備教材的提示
- 流動應用程式開發指引

支援服務

- 為大學部門適應性網頁設計模板
- 建立流動應用程式專用之樣式表
- 學生發展及資源中心為殘疾學生提供專門的支援

推廣教育

- 無障礙網頁講座
- 平等機會測驗



經驗分享： 參與無障礙網頁嘉許計劃



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- 由**2013**年起，香港大學開始參與政府資訊科技總監辦公室與平等機會委員會攜手合辦的無障礙網頁嘉許計劃
- 於**2016**年的無障礙嘉許計劃，香港大學共獲得 **16** 個獎項



評審準則的實踐經驗



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一致的導覽列

**Make website structure in a
consistent navigation
mechanism**



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一致的導覽列

- WCAG 2.0 – 3.2.3 [Level AA]
- 如導覽列或連結會在多個網頁出現，應確保它們在所有網頁的展示方式一致。



Normal Contrast ▾



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Frequently Asked Questions

1. [Account Management Services](#)

2. [Communication Services](#)

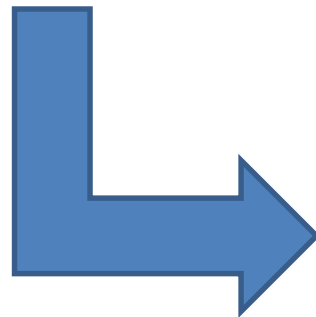
2.1. [Bulk Email Delivery](#)

2.2. [eNotices System](#)

2.3. [Collaboration](#)

2.3.1. [Central SharePoint 2013 Service](#)

2.3.2. [Document Management System \(DMS\)](#)



Before



FAQ on HKU Portal System

Show all answers

Hide all answers

Q0. I can't see the Portal tabs (MyPage, MyEmail, My eLearning, Events, MyFaculty/MyDepartment). Why?

FAQ on HKU Portal PIN

Q1. How can I change my PIN?

Q2. How can I change my PIN if I forgot it?

Q3. How can I change my PIN if my account is locked due to password ageing?

Q4. I have just changed my HKU Portal UID and/or PIN. Why I can't login the HKU Portal now?

General FAQ

Q5. What is HKU Portal system?

Q6. What are the benefits of the new HKU Portal system?

Q9. What are the development phases for the new HKU Portal?

Q10. How is SIS (Student Information System) for Students?

Q11. What is HCMS (Human Capital Management) System for Staff?

Q12. Where can I get more information about the new HKU Portal development?



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Frequently Asked Questions

1. [Account Management Services](#)

Search FAQ

2. [Communication Services](#)

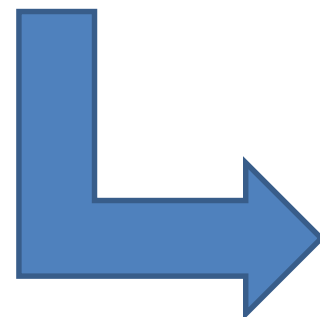
2.1. [Bulk Email Delivery](#)

2.2. [eNotices System](#)

2.3. [Collaboration](#)

2.3.1. [Central SharePoint 2013 Service](#)

2.3.2. [Document Management System \(DMS\)](#)



After



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Frequently Asked Questions - HKU Portal

- [HKU Portal System](#)
- [HKU Portal PIN](#)
- [General](#)

[Printer-friendly version](#)



鍵盤操控

Allow to perform all
operations through a
keyboard interface



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鍵盤操控

- WCAG 2.0 – 2.1.1 [Level A]
- 確保所有內容和功能均可以鍵盤操控。例如，確保可透過 **Tab** 鍵或 **Enter** 鍵瀏覽／使用有關內容和功能。



Nivo Slider 圖片輪播控制





網頁結構

Provide meaningful title,
summary or description for
table header as well as data



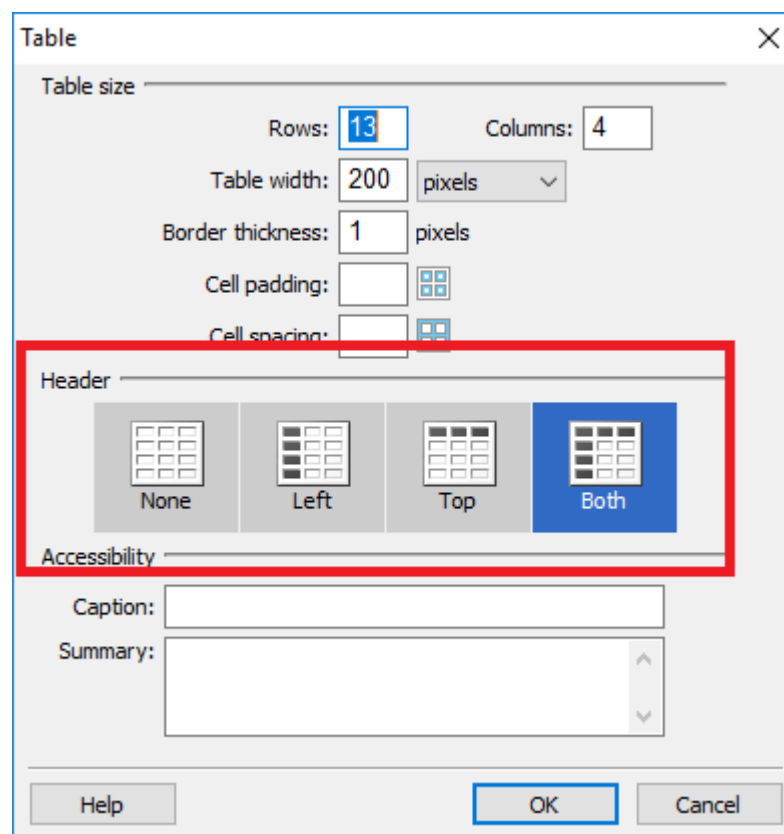
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網頁結構

- WCAG 2.0 – 1.3.1 [Level A]
- 網站需要提供恰當的標記，以便讀屏軟件解讀有關結構，令視障人士也能夠了解明白。
- 表格標題

在Dreamwaver內的表格標題設定



```

284 </tr></tbody></table><table border="1" width="800"><thead><tr><th scope="col" valign="top" width="120">
285 <p><strong>Date</strong></p>
286 </th>
287 <th scope="col" valign="top" width="150">
288 <p><strong>Time</strong></p>
289 </th>
290 <th scope="col" valign="top" width="265">
291 <p><strong>Maintenance on</strong></p>
292 </th>
293 <th scope="col" valign="top" width="265">
294 <p><strong>Service to be affected</strong></p>
295 </th>

```

Date	Time	Maintenance on	Service to be affected
Jan 6-7, 2018 (Sat-Sun)	11:00 pm - 1:00 am	Upgrading the function for generating PDF file in certain systems	The function for generating PDF file in the following systems will be suspended during the maintenance period: - Performance Review and Staff Development (PRSD) System - Career Opportunities webpage (jobs.hku.hk) - Outside Practice Management System
Jan 7, 2018 (Sun)	6:00 am - 2:00 pm	Human Capital Management System (HCMS) for disaster recovery drill	Access to all HCMS applications will be suspended.



跳過障礙

Able to skip repetitive blocks



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跳過障礙

- WCAG 2.0–2.4.1 [Level A]
- 確保使用者能夠跳過重複的內容（例如網頁上方的導覽列）。在每個網頁的上方增設可直達主內容的連結。



Information Technology S X

← → ↻ www.its.hku.hk 🔍 ☆ 📄 ☰

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Normal Contrast ▾ **A A A**

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new eForm SYSTEM

Smarter IT Services • Work Smarter

• ○ •

What's New

- ITS Maintenance on Jan 6-7, 2018 (posted on Jan 3, 2018)
- ITS Orientation Seminars for New Staff and Students in Jan 2018 (posted on Jan 2, 2018)
- ITS Annual Report 2016-2017 Accessible Online (posted on Dec 21, 2017)
- New eForms for Online Applications of Central IT Services/Facilities (posted on Nov 30, 2017)

[+ More](#)

www.its.hku.hk/#main-content [IT Services News](#) [Teaching & Learning](#)



```
162 <!-- 20131112 comment by cathysun for new ITS logo End --><div class="skip-link">  
163 <a href="#main-content">Skip to content</a></div>  
164 <div class="logo">  
165 <p style="align: left;"><a href="http://www.its.hku.hk"><img alt="IT Services Log
```

Repetitive Blocks (Menu)

```
249  
250 <div id="main">  
251 <div id="content" class="column" role="main">  
252 <a id="main-content"></a>  
253 <h1 class="title" id="page-title">Information Technology Services Index</h1>  
254  
255
```



學校其它部門有關無障礙網頁 的常見查詢



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其它部門的常見查詢



- 內容管理系統 (CMS) 的使用
- 網頁設計範本參考
- 如果部門將網頁設計外判，有甚麼注意事項
- 除網頁外，其它文件(如 PDF)是否需要遵守無障礙指引





問答時間



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