

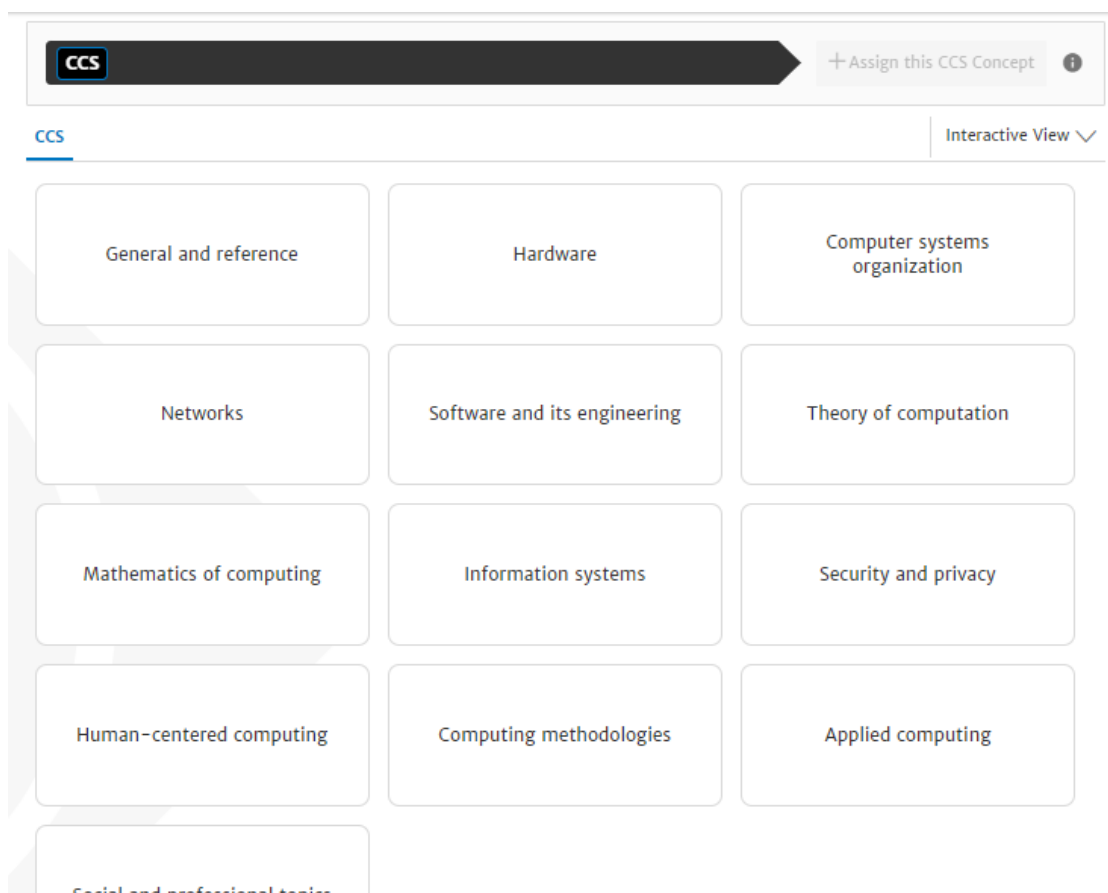
CCS concepts and XML Code Guidance

Firstly choose the **CCS Concepts** and generate the **XML Code**. Then add the **CCS Concepts** to the first page below the abstract (please refer to the ACM template), and directly attach/paste the **XML Code** and **CCS Concepts** in the email to the official conference mailbox. They are the must for the publication of your paper.

In addition, about **copyright**, an email from **rightsreview@acm.org** will be sent to you to complete the copyright at the late stage of the conference, please always keep in touch for the copyright issue later.

Steps to produce CCS Concepts and XML Code?

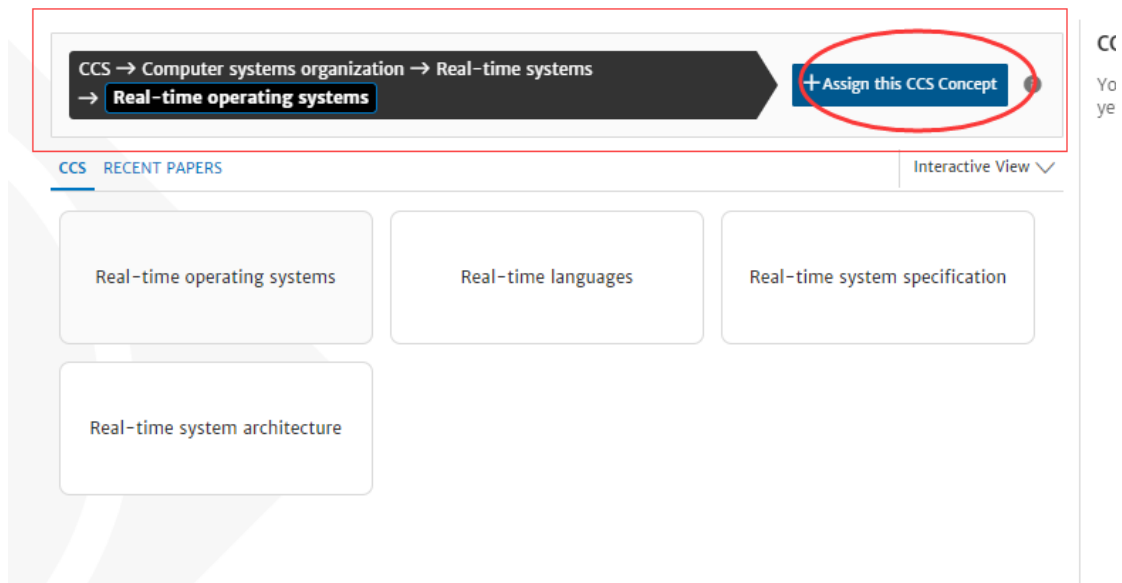
1. Please open the link to do classification:
<https://dl.acm.org/ccs>
2. Choose the main topic of your paper from below the categories according to your own paper topic.



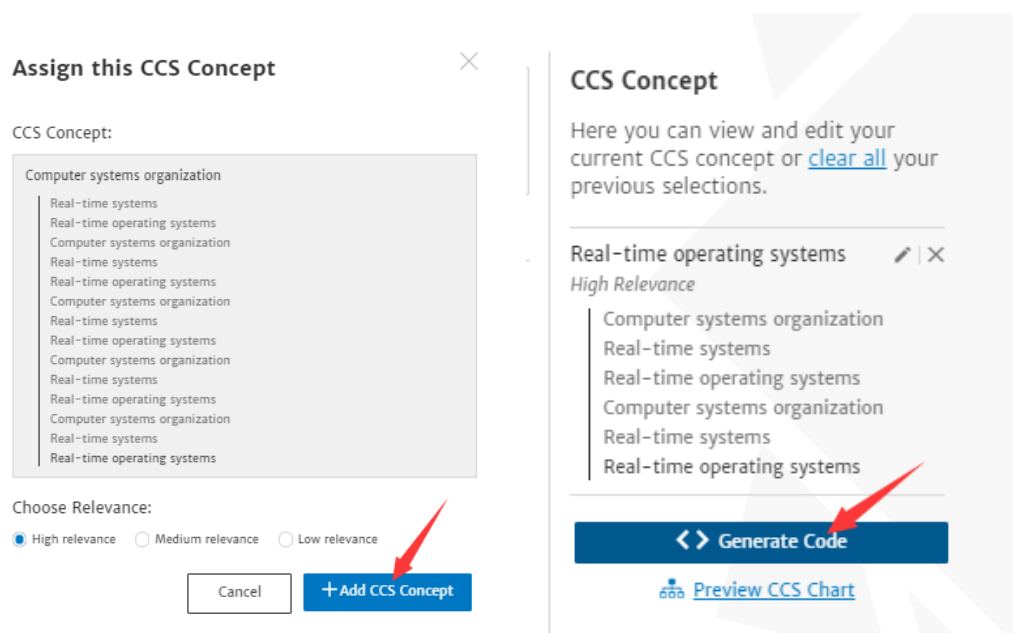
The screenshot shows the ACM CCS Concepts interface. At the top, there is a search bar with the text "CCS" and a button labeled "+ Assign this CCS Concept". Below the search bar, there is a navigation bar with "CCS" and "Interactive View" (with a dropdown arrow). The main content area is a grid of 12 categories, each in a rounded rectangle:

- General and reference
- Hardware
- Computer systems organization
- Networks
- Software and its engineering
- Theory of computation
- Mathematics of computing
- Information systems
- Security and privacy
- Human-centered computing
- Computing methodologies
- Applied computing
- Social and professional topics

3. You can keep looking for the most related topics by clicking to the next page and click Assign this CCS concepts (within the red circle)



4. Click the following bottom to generate the CCS concepts and XML Code



5. Click view CCS Display, that's CCS concepts (within the red square),

Generate Code

The code below should be used with a TeX based typesetting system. Copy the code using the icon below and paste it into the item you are classifying only if you have fully classified the item.

Show the XML only

View CCS Display

```
\begin{CCSXML}
<ccs2012>
<concept>
<concept_id>10010520.10010570.10010571</concept_id>
<concept_desc>Computer systems organization~Real-time op
<concept_significance>500</concept_significance>
</concept>
</ccs2012>
\end{CCSXML}

\ccsdesc[500]{Computer systems organization~Real-time operating
```



Generate Code

The display below should be used with a Microsoft Word or similar template. Click on the button below to copy the formatted text and paste it into the item you are classifying only if you have fully classified the item.

View CCS TeX Code

• Computer systems organization~Real-time systems
~Real-time operating systems



6. Click the view CCS TeX Code, that's XML Code in red square.

Generate Code

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View CCS TeX Code

• Computer systems organization~Real-time systems
~Real-time operating systems



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