**Installation & First Time Configuration**

1. A system administrator must **install the hubzero-solr** RedHat or Debian Package using a package manager such as yum or aptitude
   - 1. On RedHat: sudo yum install hubzero-solr
   - 2. On Debian: sudo apt-get install hubzero-solr
2. To start the service: **sudo service hubzero-solr start OR sudo /etc/init.d/hubzero-solr start**
3. A Hub administrator may configure the Hubzero CMS to use Solr instead of basic search by going to Components > Search > Options > Engine > Apache Solr
4. A Hub administrator must further configure the service by clicking the “Solr” tab in the Search Options. The default parameters will work out-of-the-box for Open Source Hubs. HUBzero Managed Hubs will use the following port-numbering.
   - Development: 2090
   - Stage: 2091
   - Scan/QA: 2093
   - Production: 2093
   - Note: The default configuration should be acceptable. Running Solr on another host, changing the core, the path, or the log path are at the Hub Administrator's own risk.
5. Click **Save & Close**
6. Return to the **Search** and you should see a status page like the one below:
7. If this is the first time the Hub has used Solr as its search engine, the index will need to be filled with current data
   - 1. This is a lengthy operation during the first run
   - 2. Unless there is massive data corruption, this will only need to be performed once
   - 3. To check the progress of the indexing process, you may click on the **Index Queue** tab in the Administrative Search interface
8. Once the full index has been built, searching can be completed from the enabled search interfaces

*If there were any issues with configuration, please submit a support ticket and the HUBzero team will assist you further.*