

Questions

1. An abstract class is a class that has at least one pure virtual function where the function is implemented in the derived class. PageParser needs to be abstract as there can be many different types of parsers, however each parser handles implementations such as for parse differently. In the case of parse the type of data that is extracted changes with the file type, thus parse needs to work differently for each derived class.
2. Each type of Handler will process things differently based on the type of combiner that is used. Thus there needs to be multiple different implementations of the process function which is accomplished by making it a pure virtual.
3. SearchUI::run()
 Handler::handle()
 Handler::canHandle()
 Handler::process()
 SearchEng::search()
 WebPageSetCombiner::combine()
 Util::display_hits()

Inheritance Chart

