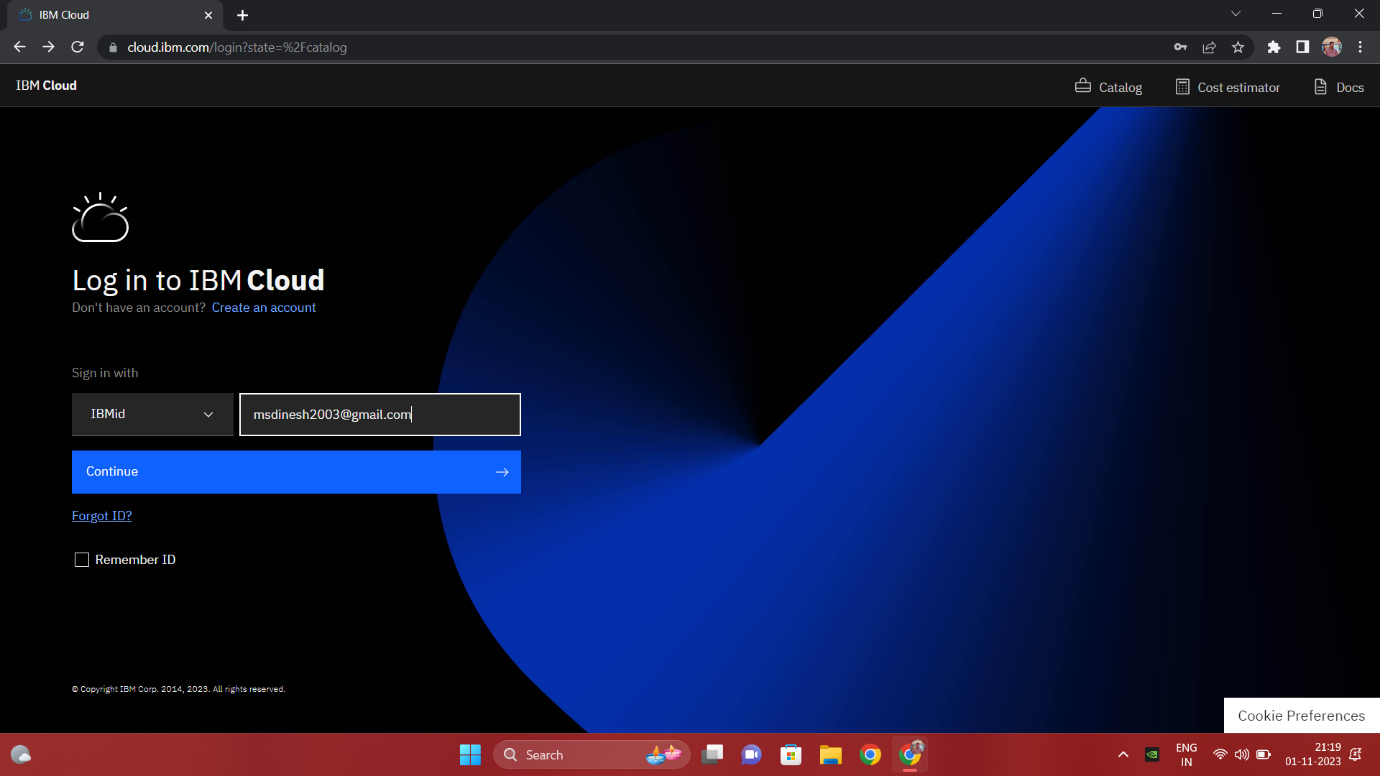
**Cloud Application Development**

**Image Recognition with IBM Cloud Visual Recognition**

**Phase-4**

* Continue building the image recognition system by integrating IBM Cloud Visual Recognition and AI-generated captions.
* Implement the image classification process using the IBM Cloud Visual Recognition API.
* Use natural language generation to create captions for the recognized images.

Login to the IBM account with IBMid.



Enter password to login.

A screenshot of a computer

Description automatically generated

Home page of the IBM account.

A screenshot of a computer

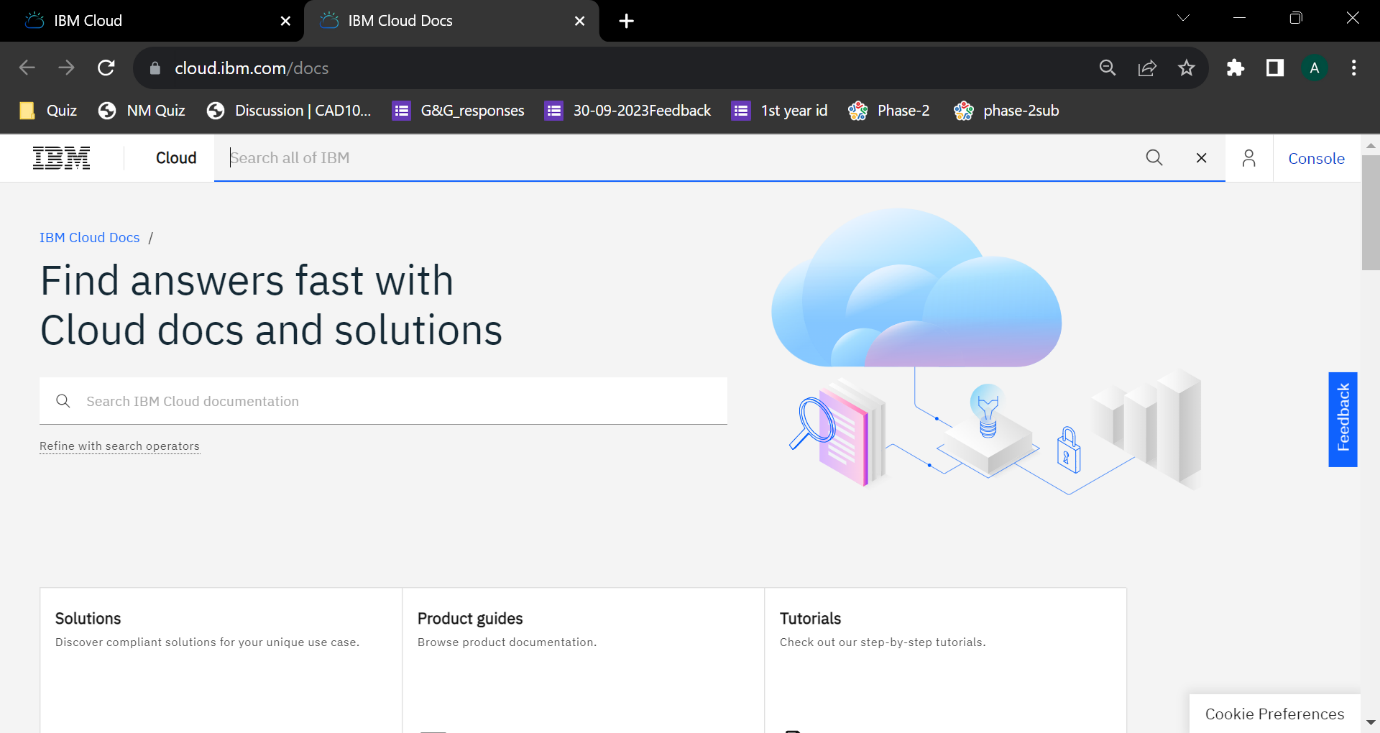
Description automatically generated

Click on the help icon and then click on Docs in the drop-down menu.

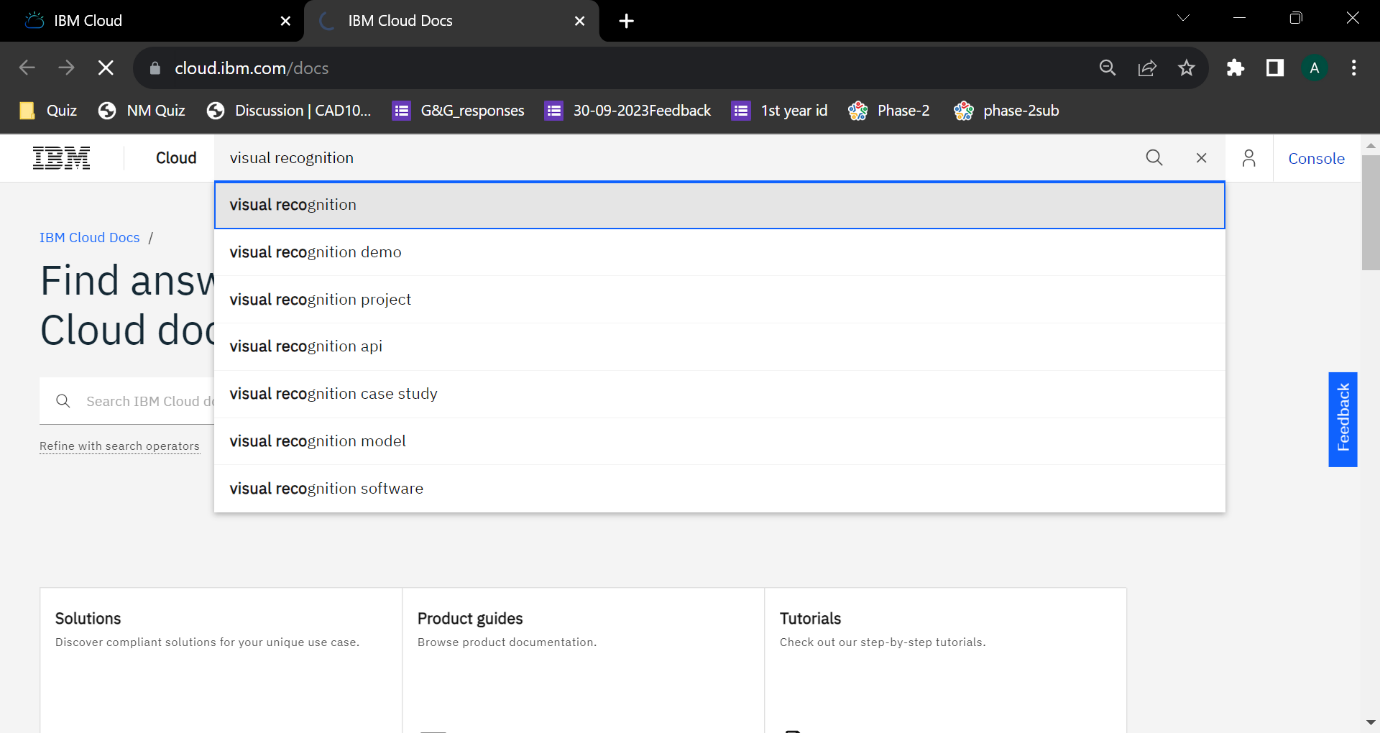
A screenshot of a computer

Description automatically generated

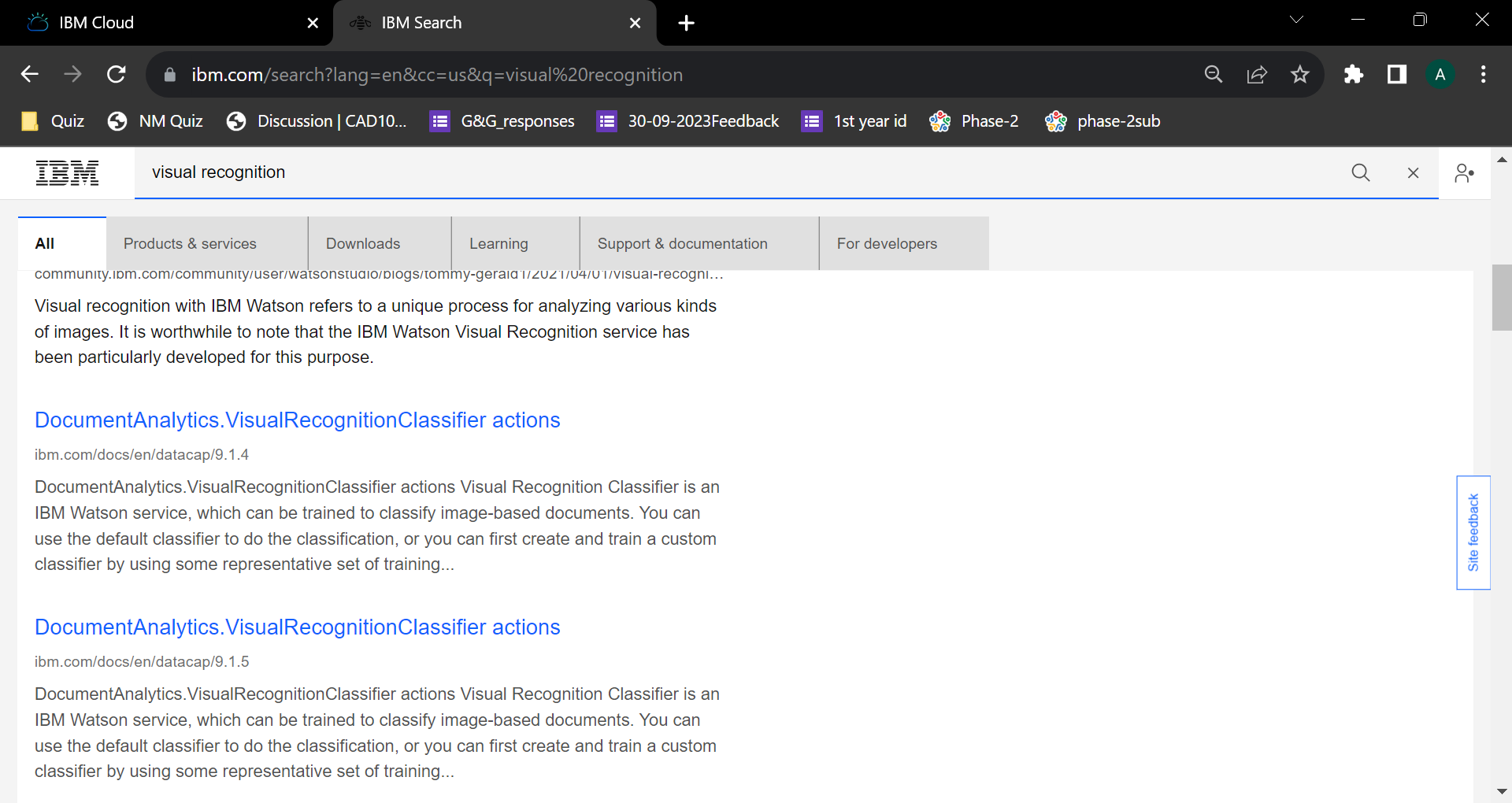
Then click the search icon.



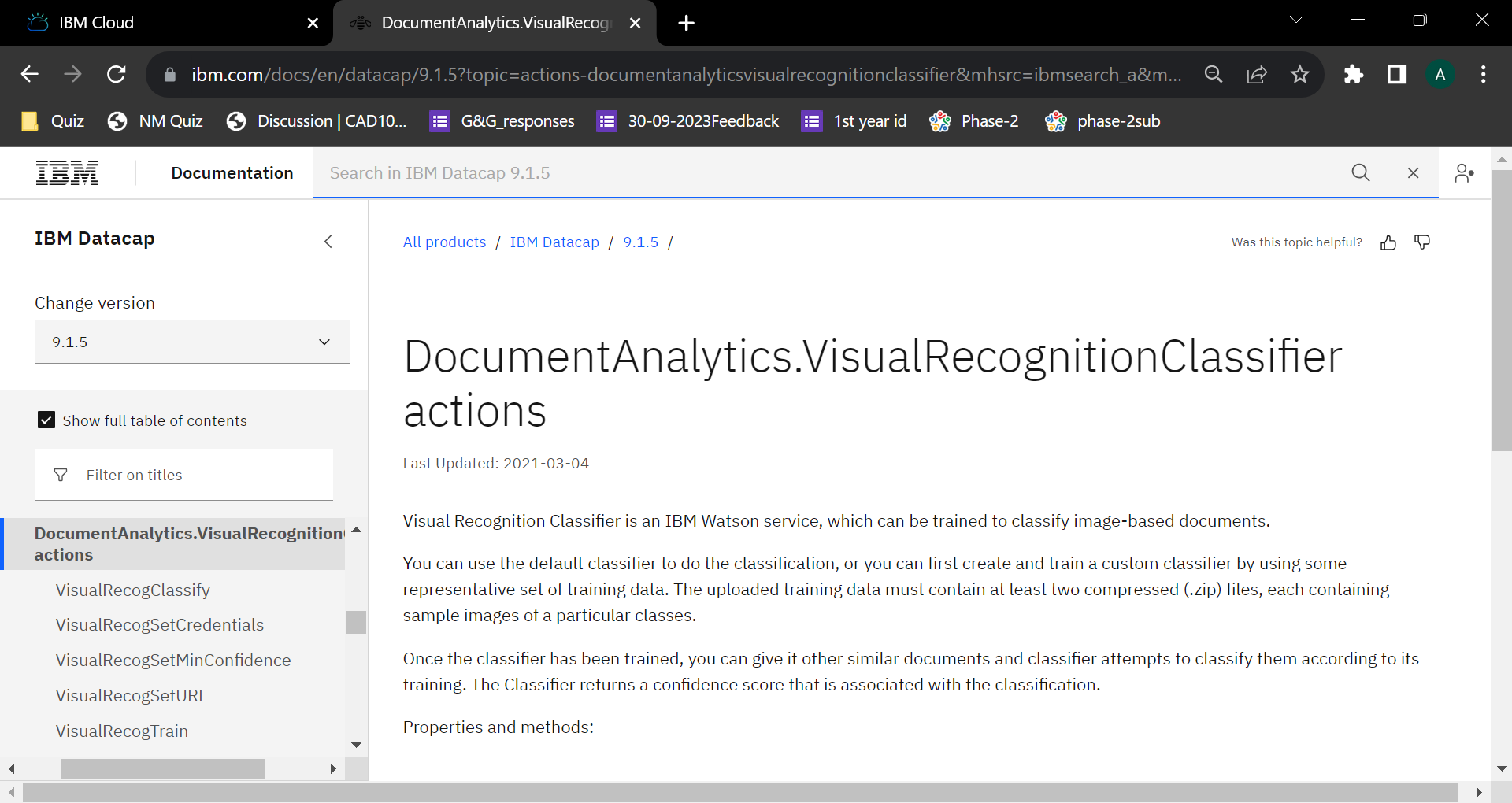
Then search for Visual Recignition.

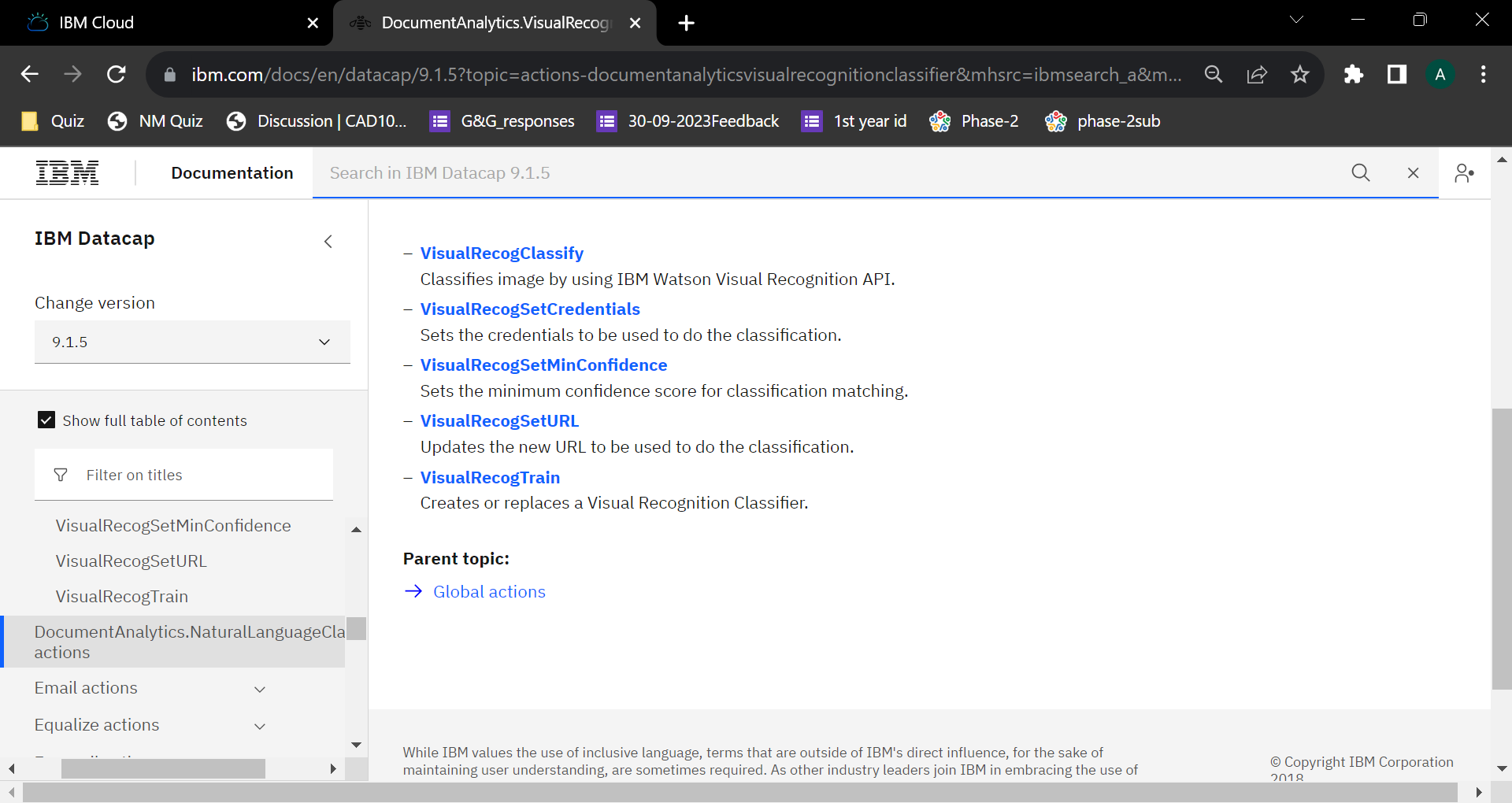


Then open the DocumentAnalytics.VisualRecognitionClassifier actions.

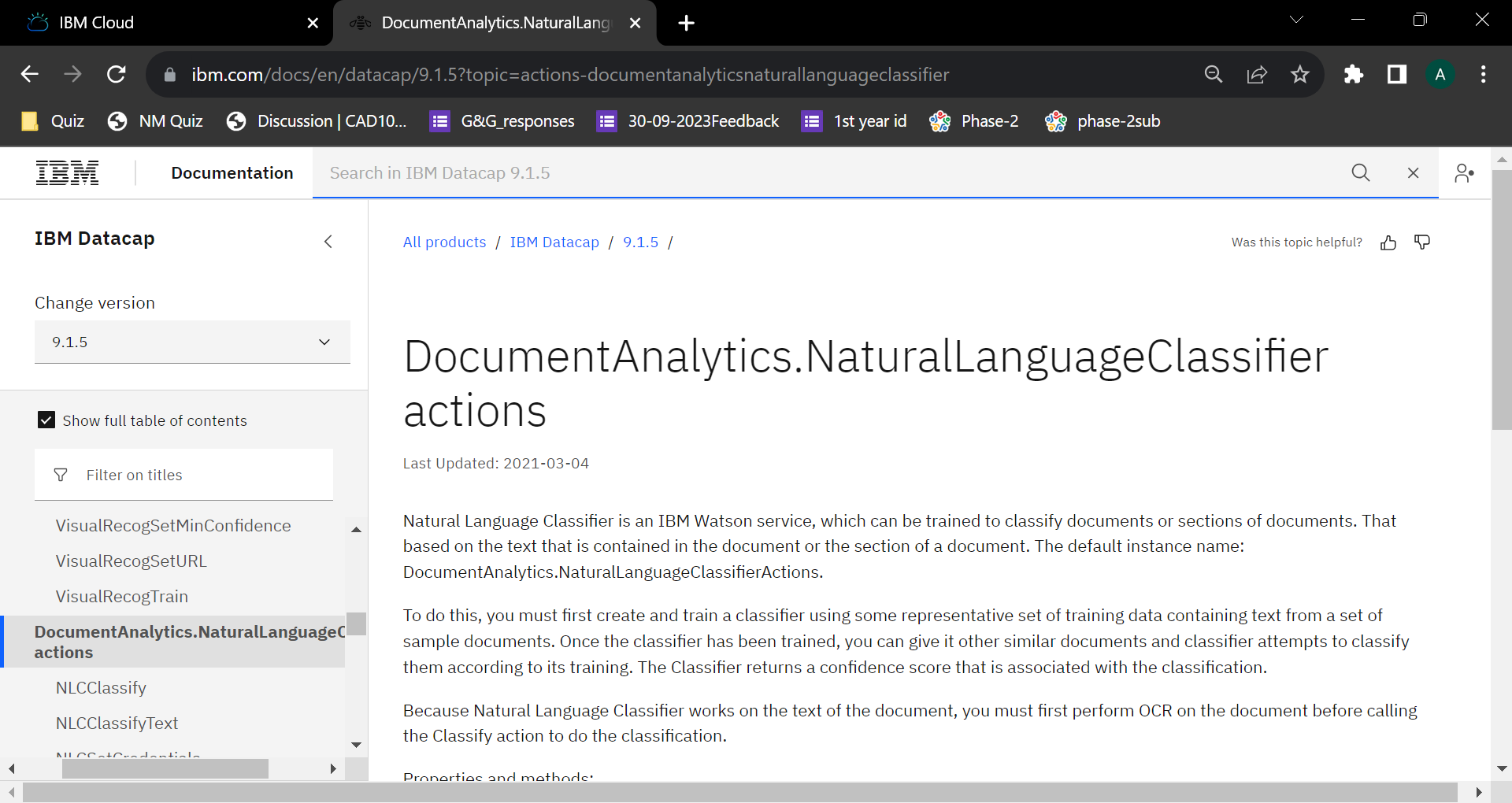


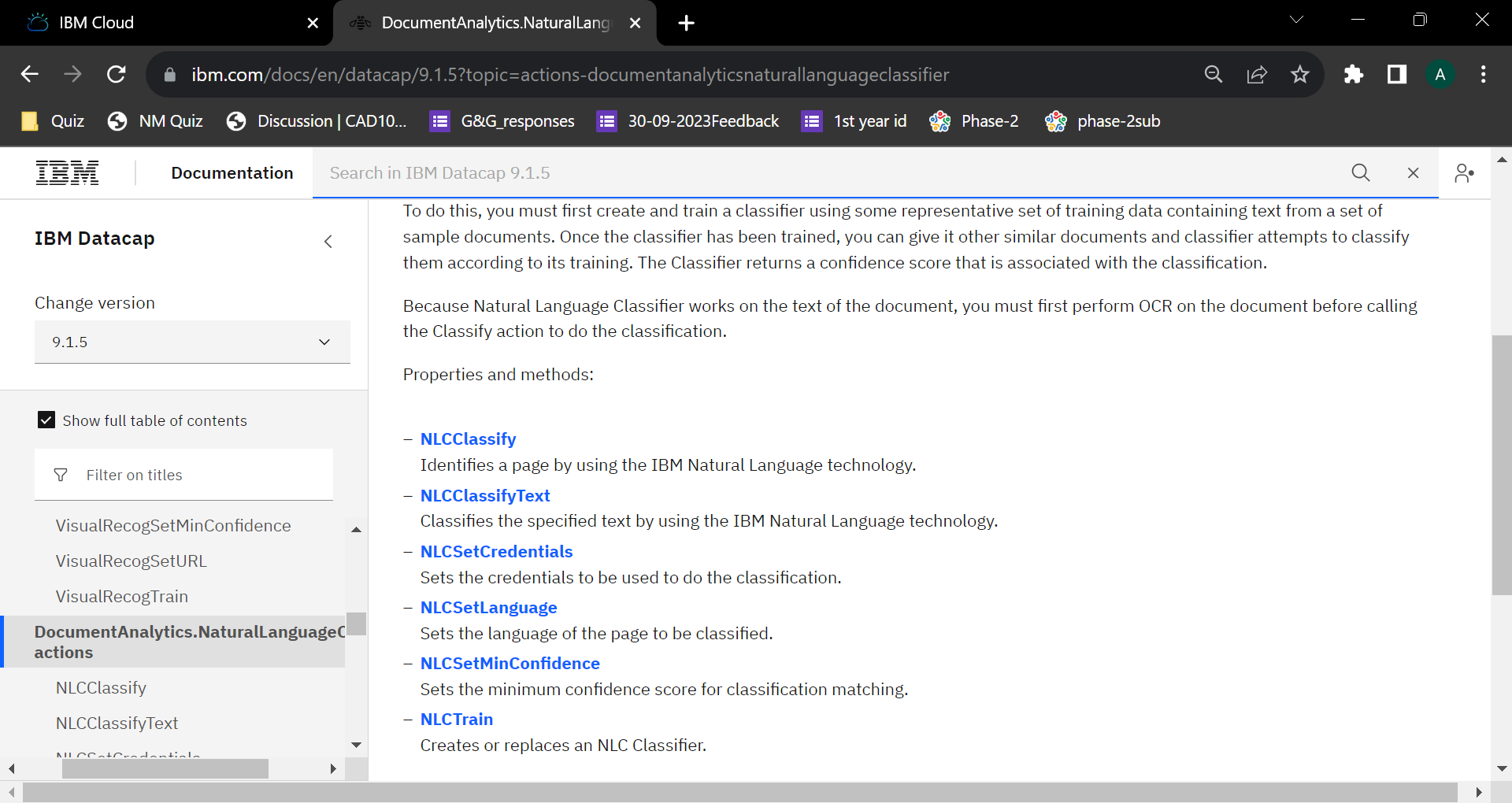
DocumentAnalytics.VisualRecognitionClassifier actions.



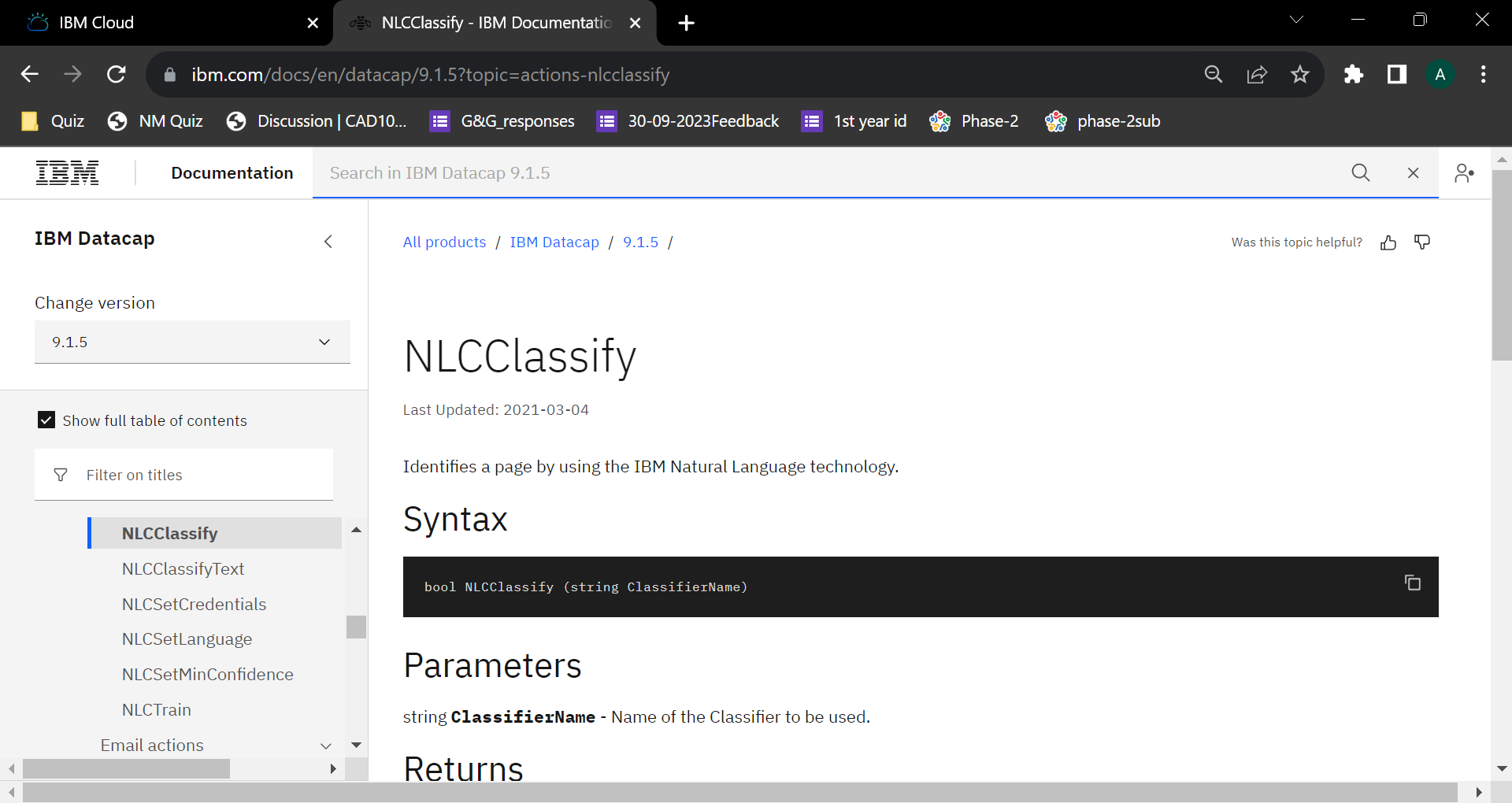


DocumentAnalytics.NaturalLanguageClassifier actions

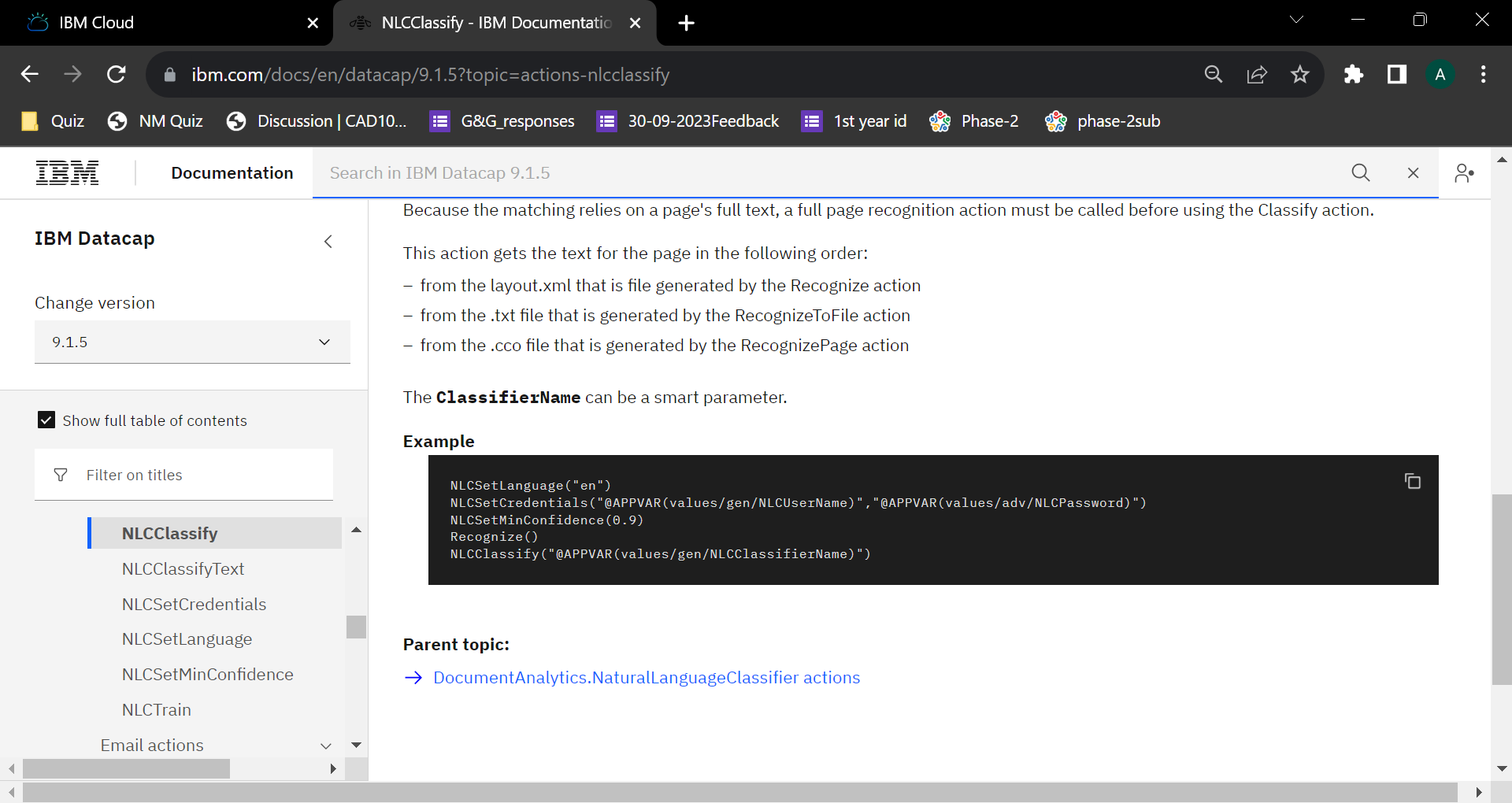




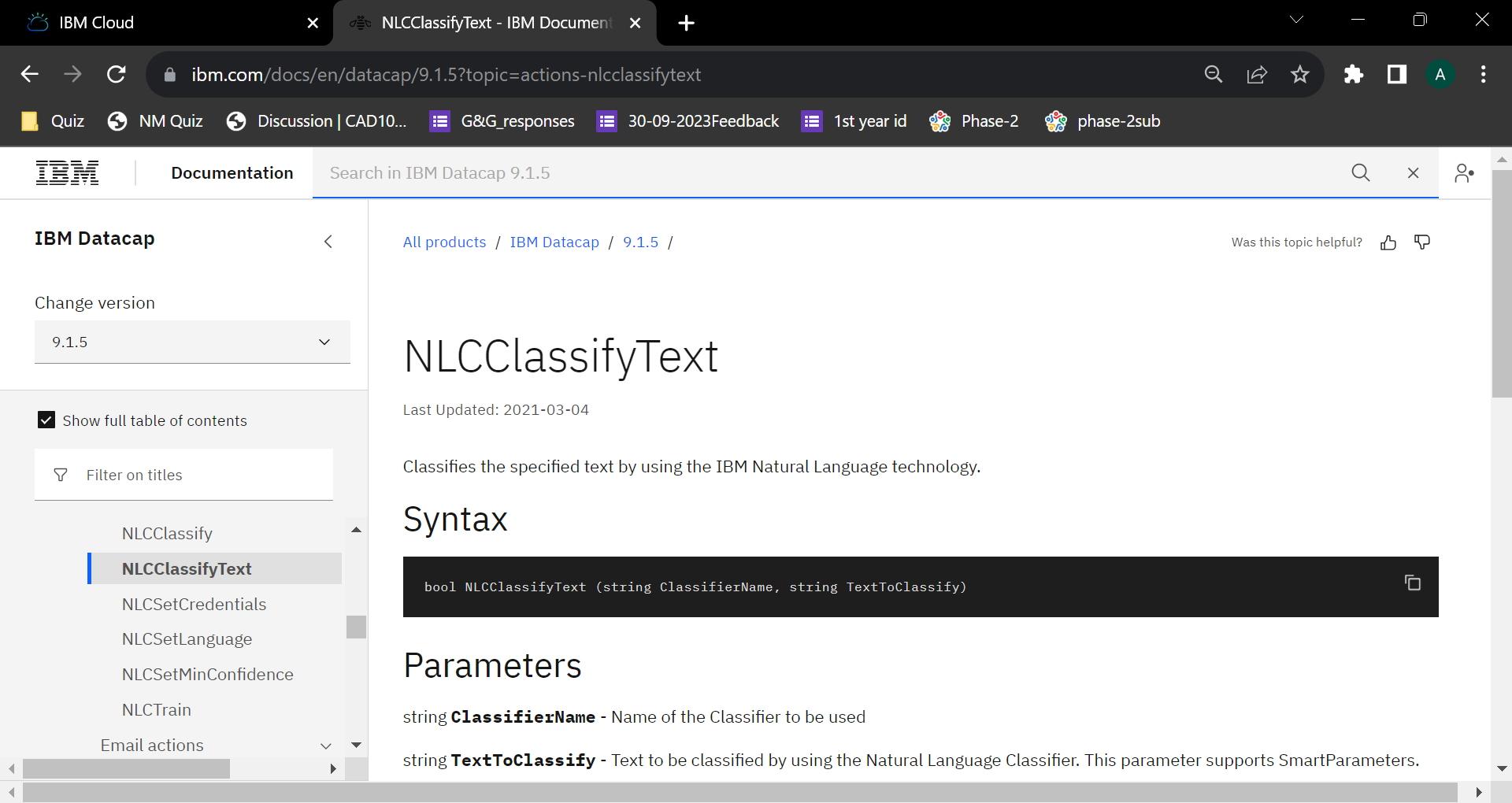
[**NLCClassify**](https://www.ibm.com/docs/en/SSZRWV_9.1.5/com.ibm.dc.reference.doc/dcaca918.htm)  
Identifies a page by using the IBM Natural Language technology.

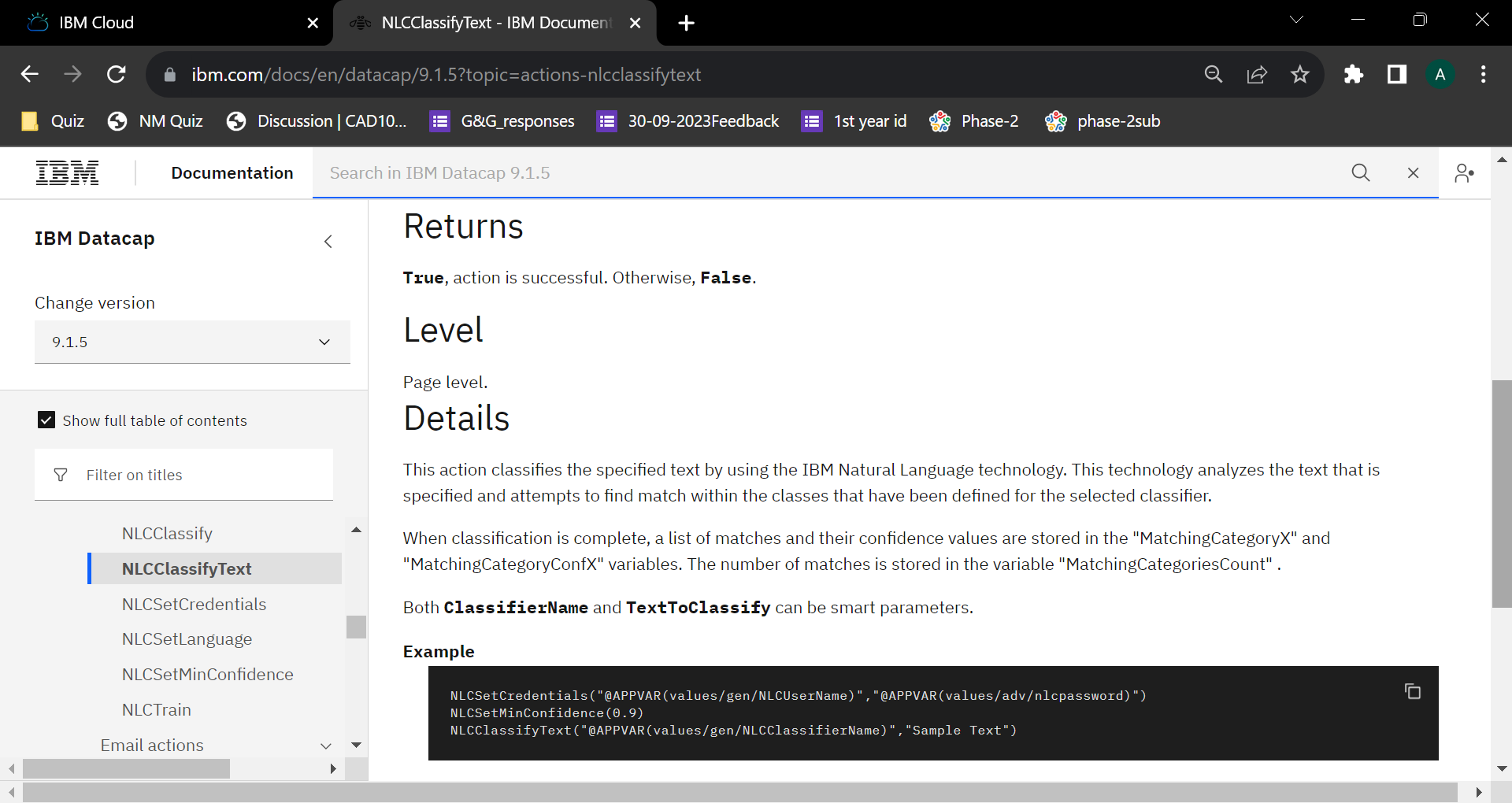




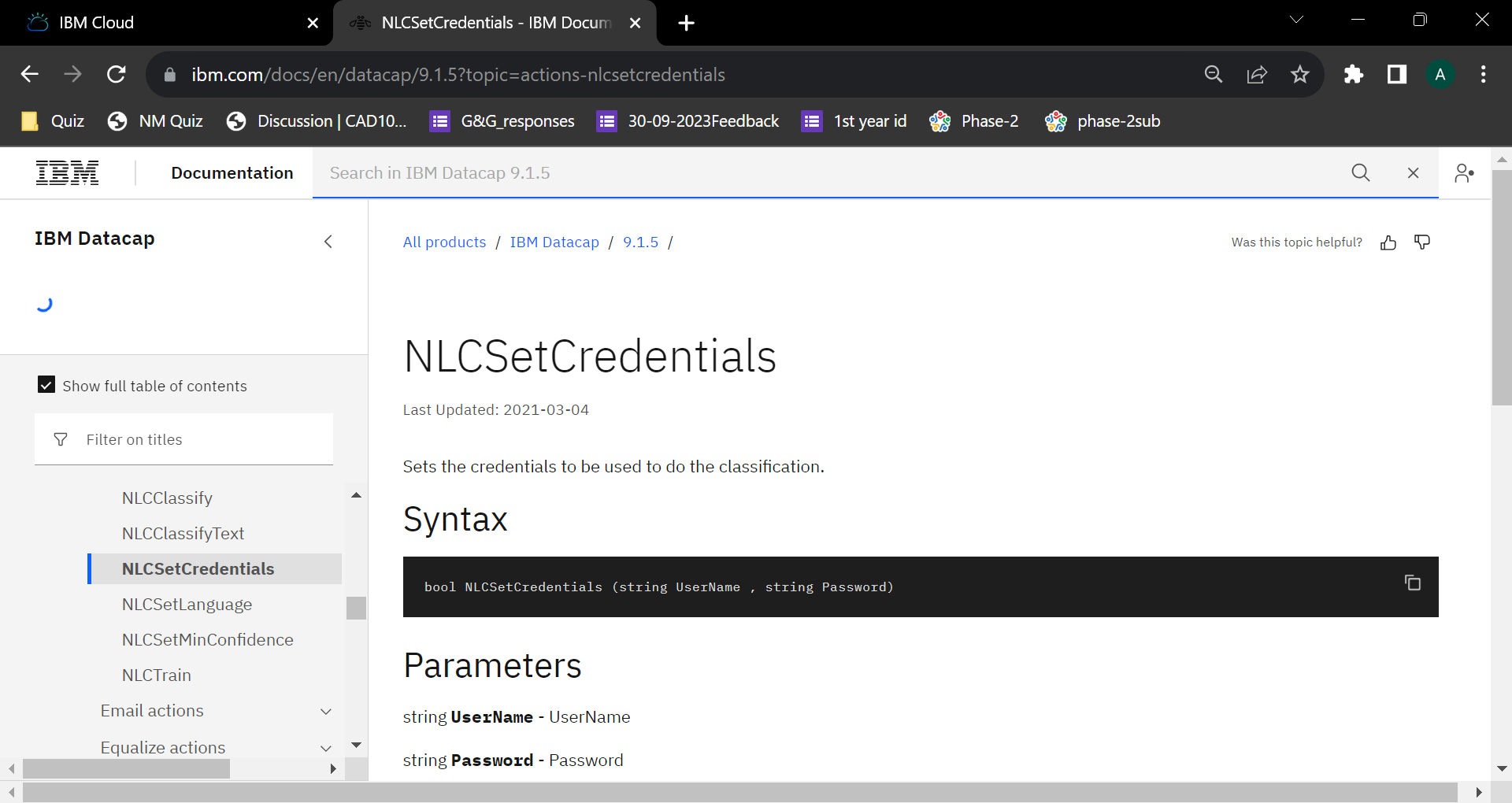


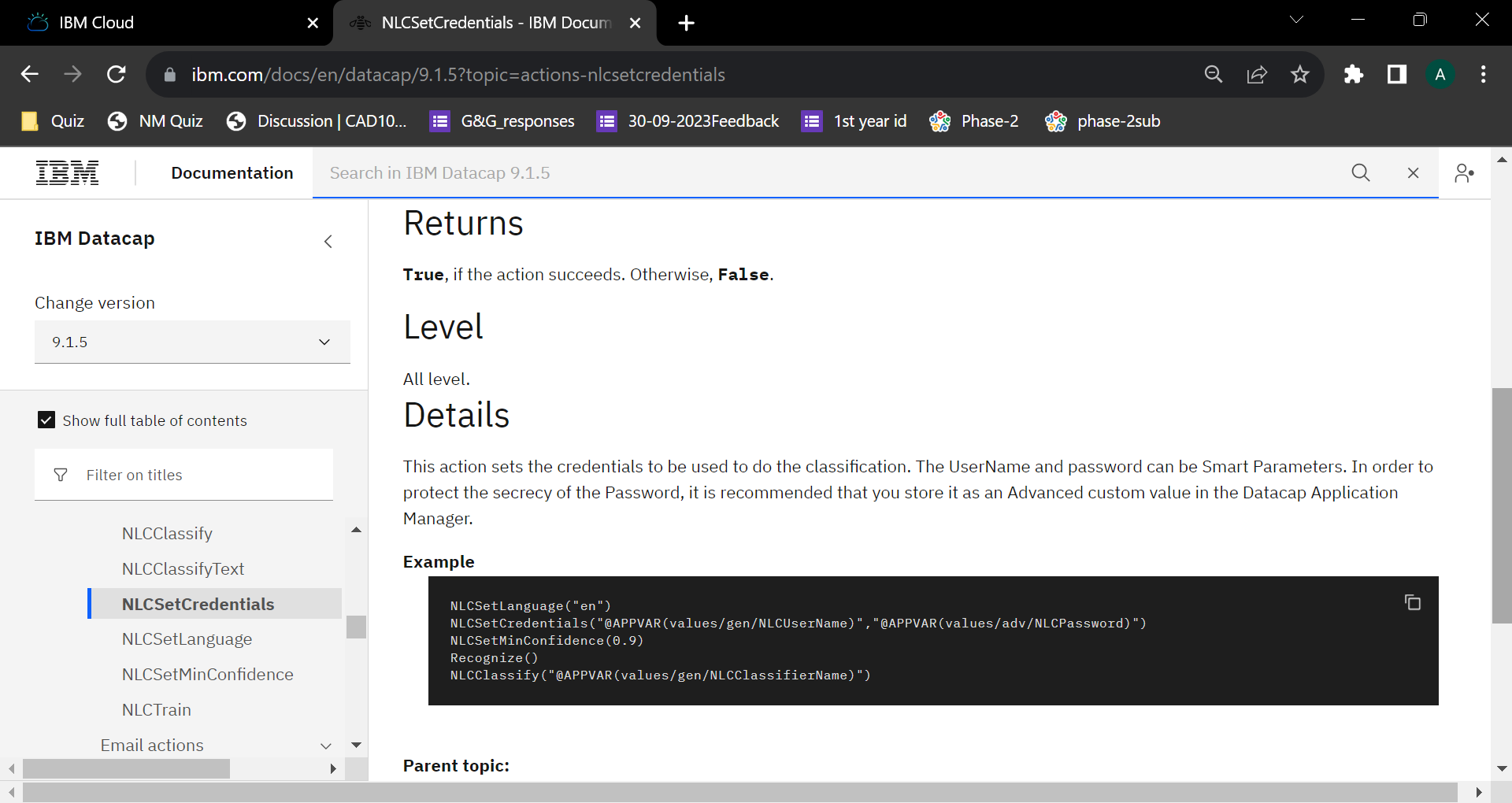
[**NLCClassifyText**](https://www.ibm.com/docs/en/SSZRWV_9.1.5/com.ibm.dc.reference.doc/dcaca919.htm)  
Classifies the specified text by using the IBM Natural Language technology.



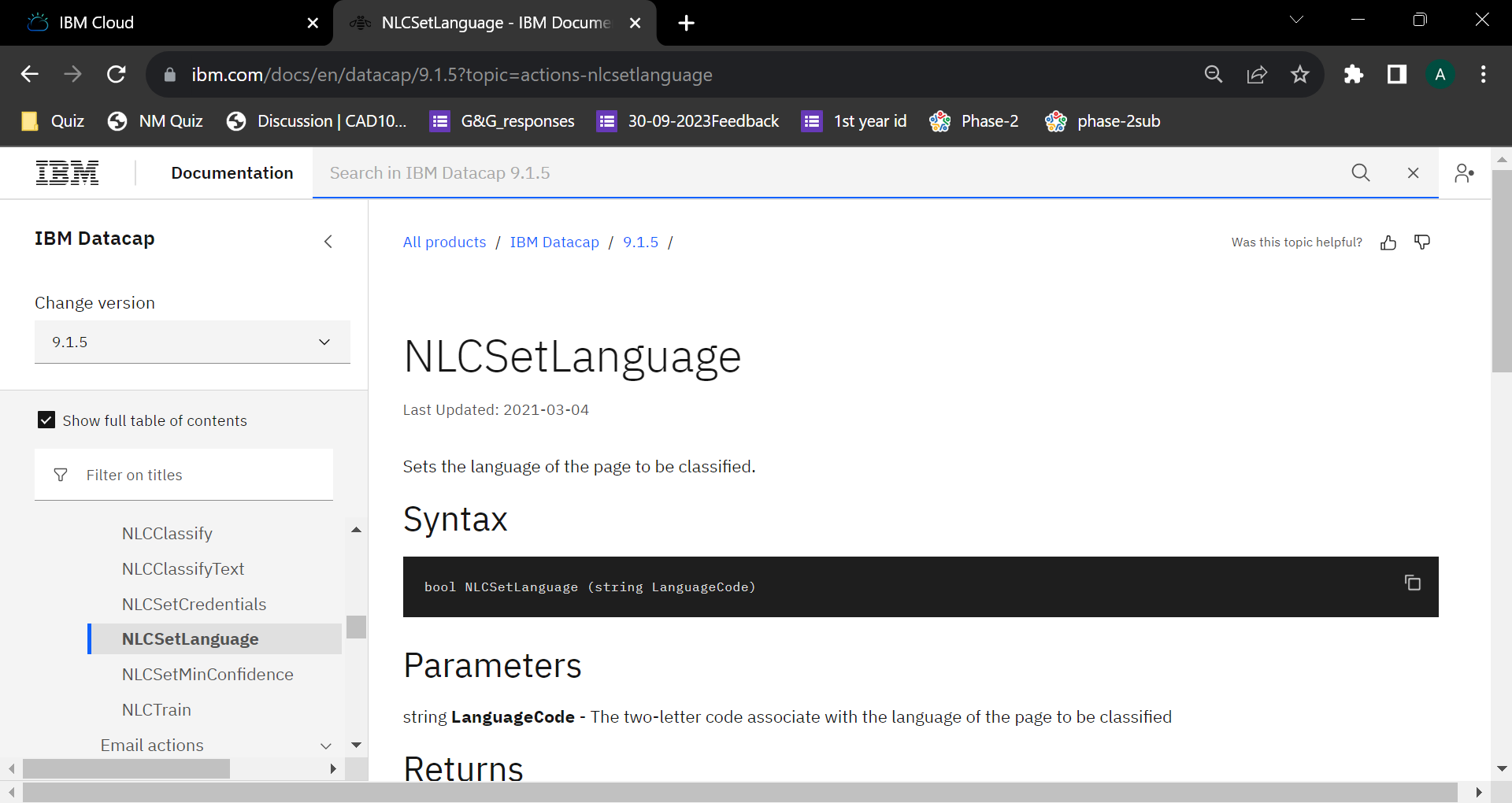


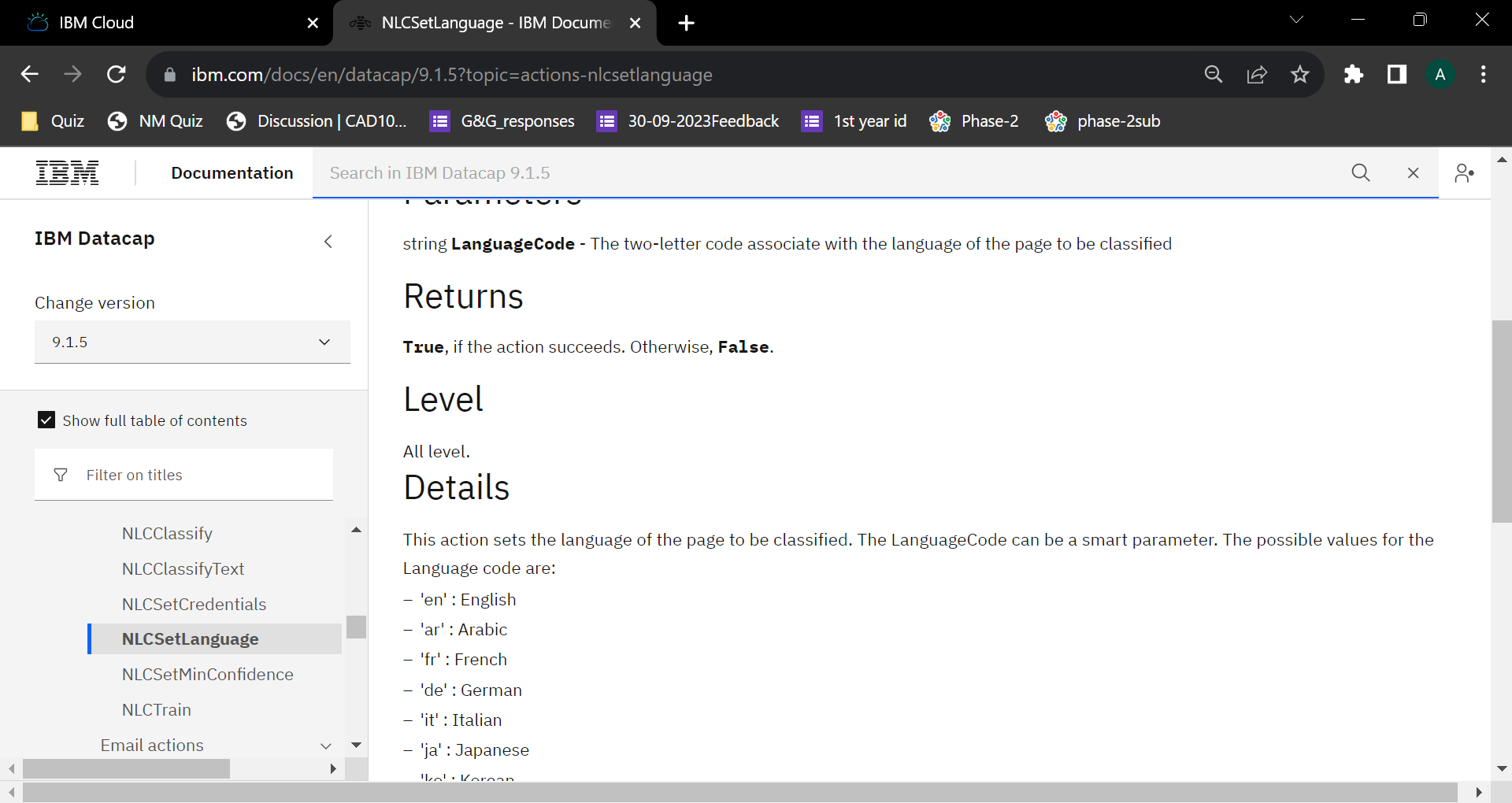
[**NLCSetCredentials**](https://www.ibm.com/docs/en/SSZRWV_9.1.5/com.ibm.dc.reference.doc/dcaca920.htm)  
Sets the credentials to be used to do the classification.

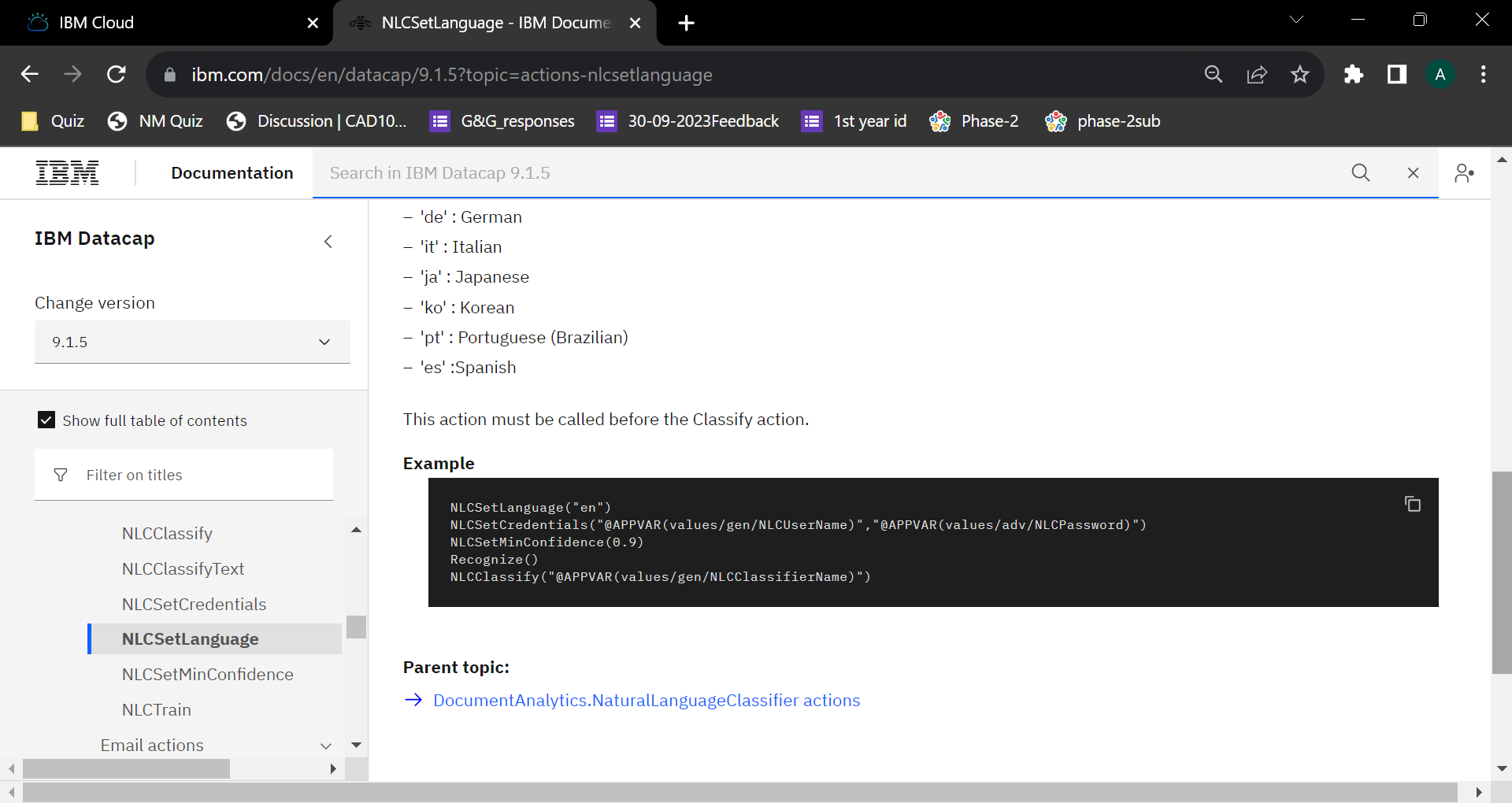




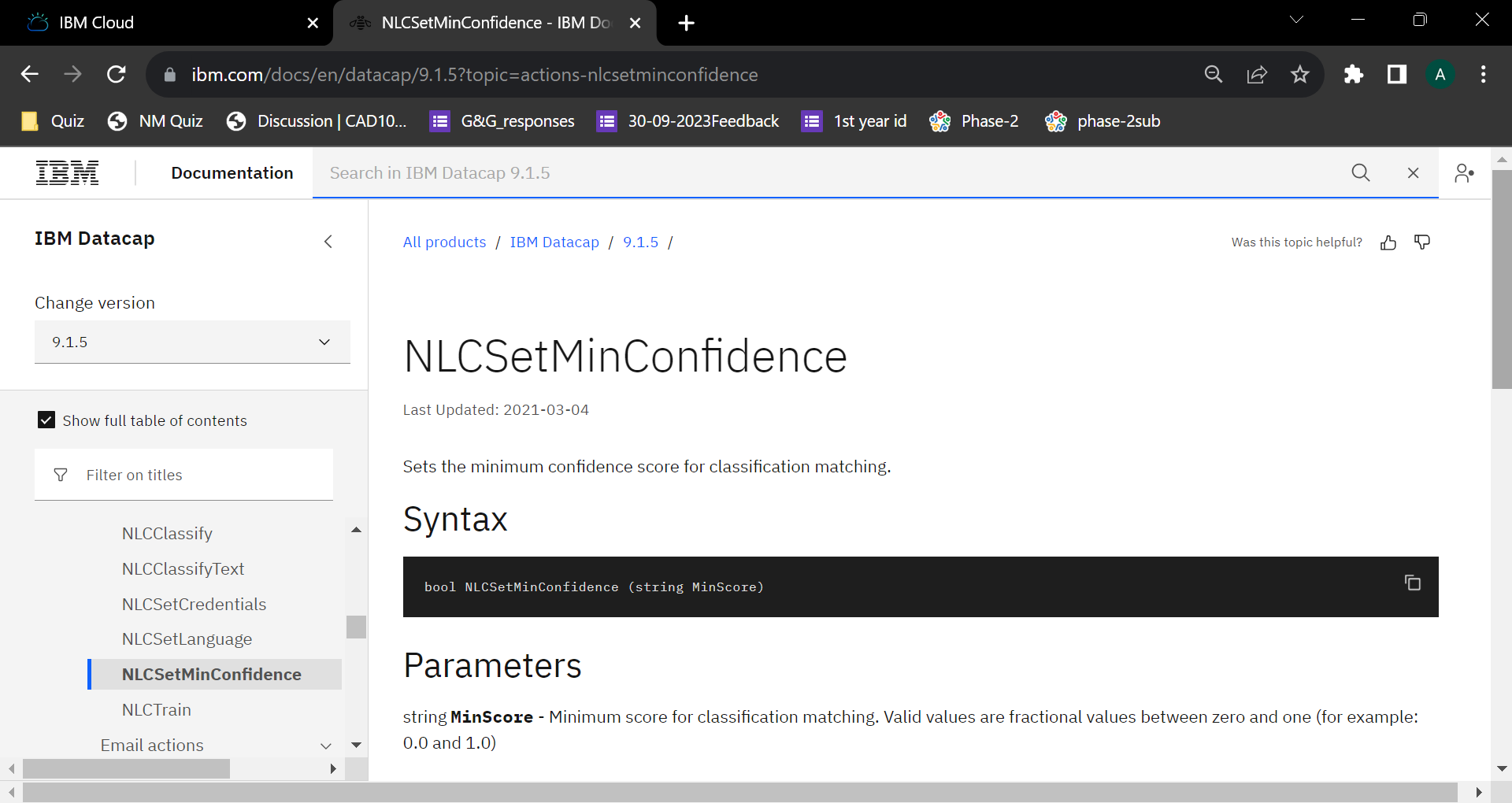
[**NLCSetLanguage**](https://www.ibm.com/docs/en/SSZRWV_9.1.5/com.ibm.dc.reference.doc/dcaca921.htm)  
Sets the language of the page to be classified.

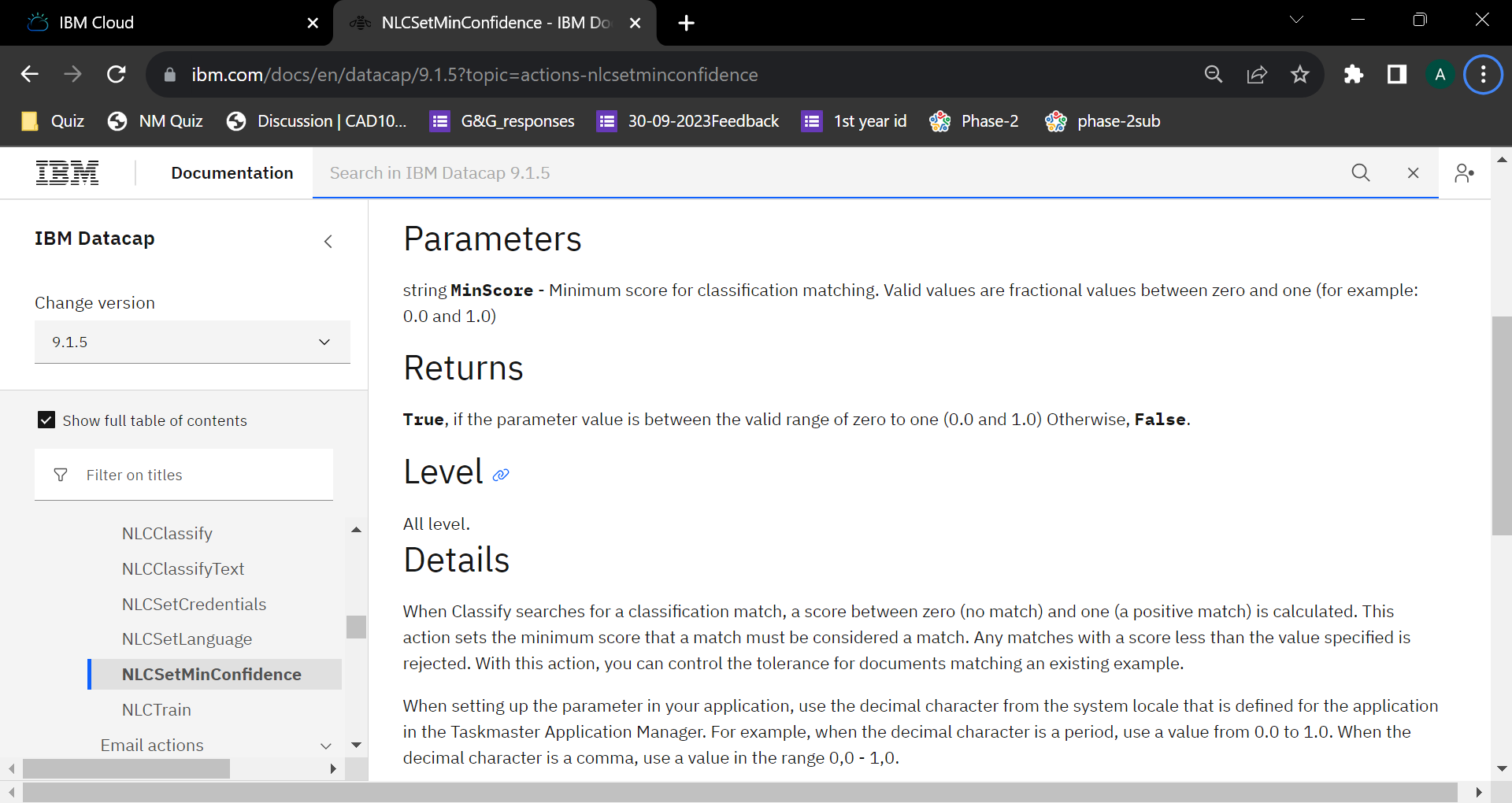


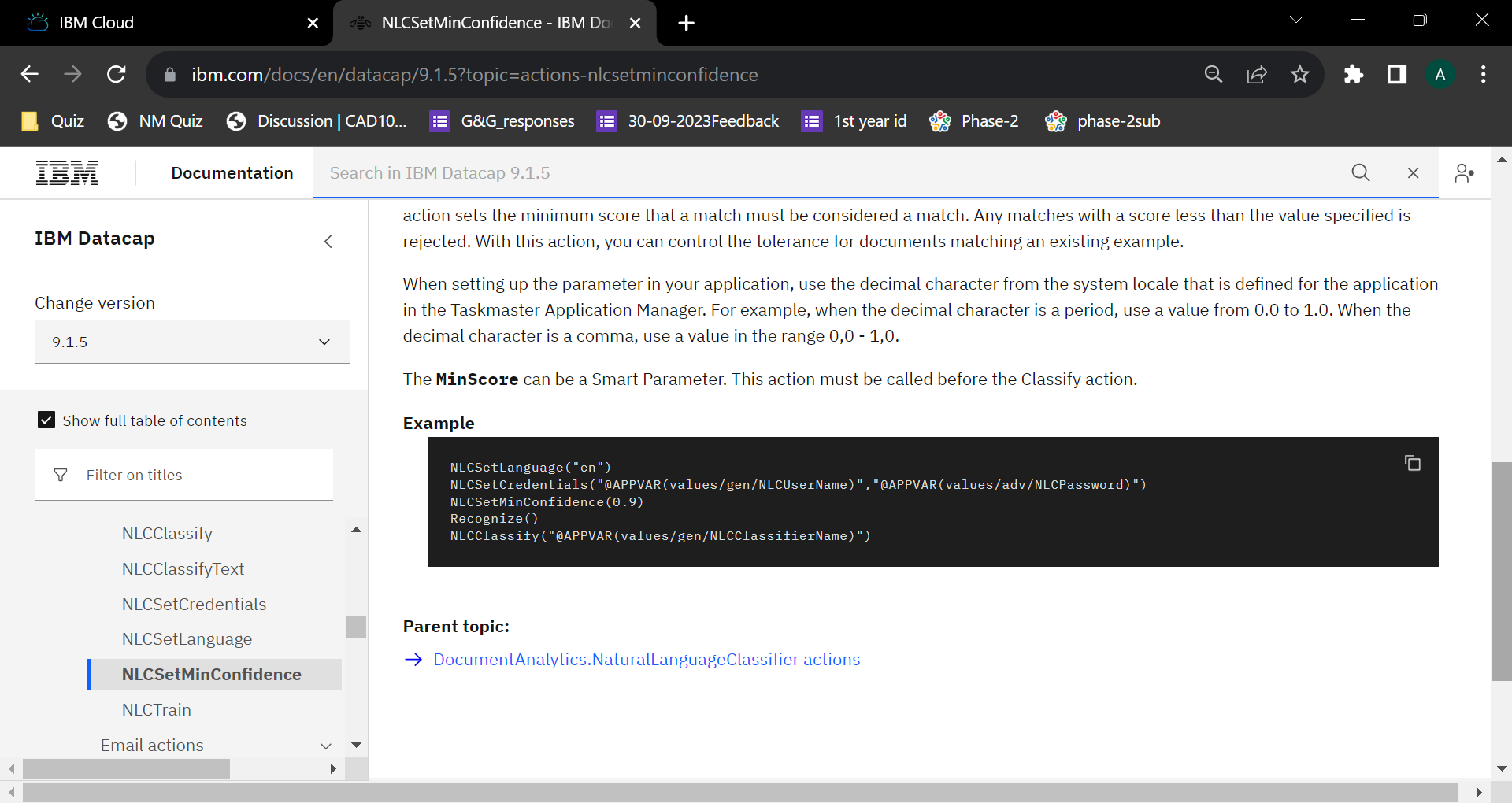




[**NLCSetMinConfidence**](https://www.ibm.com/docs/en/SSZRWV_9.1.5/com.ibm.dc.reference.doc/dcaca922.htm)  
Sets the minimum confidence score for classification matching.







[**NLCTrain**](https://www.ibm.com/docs/en/SSZRWV_9.1.5/com.ibm.dc.reference.doc/dcaca923.htm)  
Creates or replaces an NLC Classifier.

