Speexx Autonomous Learning systems and universities The process evaluation of English education+

Bai Shumin

China Academy of Civil Aviation Flight Academy of Foreign Languages，Sichuan Guanghan 618307

Abstract：The greatest difficulty in implementing a process assessment is to follow the learner's learning process，Record，Real-time feedback and corrections，in the human（teacher or learn live）as evaluation principal，These difficulties are difficult to resolve . Cloud-based speexx System not only can you actually test foreign language learning People's language communicative abilities，Effective training and improvement of learners ' foreign language skills，can also be tracked all in real time，Record and timely feedback，Supervision . based on data feedback，This article says that learners should be masters of machines，instead of the slave of the machine .

Keywords：College English Education；Procedural Evaluation；Evaluation Body ; speexx System ; Man-machine

The goal of college English education is Develop students ' comprehensive English application can Force，especially

listening ability, to make them study in the future, work and social interaction effective communication in English, enhancing their autonomous learning at the same time, mentioning High-comprehensive cultural literacy, to meet the needs of our social development and international communication "" [1]. But the actual effect is unsatisfactory. Hu Junsheng view: from education perspective, Current College English teaching activities and evaluation system are contrary to teaching rules, is a vicious extension of middle school exam-oriented education in universities. "[2]" "" Teaching activity and evaluation system is contrary to teaching rules ″″ can be viewed as both current college Disadvantages of English education, It's also a breakthrough for reform., especially the evaluation body Department, as a gateway to test learning effects, It actually determines teaching and learning activity What's the choice?, also determines the teachers and students on the process of degree of concern, so, There are many scholars from the reform of the evaluation system, A lot of research, The most fruitful is the process evaluation. on the basis of the large reading related literature, author finds, Research on procedural evaluation investigate and implement, has a mere formality, and . so, This article first on the relevant

literature Brief description， then introduce to Speexx System description， and explain this system The meaning of for procedural evaluation .

1. A brief introduction to the process evaluation of college English

based on the Chinese web search results， from 2003 Year，academic journal Research on College English process evaluation published on total strip， where 2014- 2016Annual total published academic papers year Chapter， accounting for more than
50%，The shows the focus of academic attention on this topic in recent years， but published in the core The literature in the journal is only bar， is sufficient to demonstrate the quality of research in this field not high . on the basis of detailed study， the author concludes that， Related results Research ideas basically expand with the following program：

First， Critique of summative evaluation， The most representative view of is The final one-time result in English is ' One-vote lifetime ' students to test results Is much more focused than English learning itself.， too concerned about final exams

The result of a nuclear result is putting the cart before the horse " " [3] .

then , Use process assessment as a panacea for the shortcomings of summative evaluation launch , View the purpose of procedural evaluation The is mainly about motivating students to learn to move machines , help students control their learning process in a timely and effective manner , make student get get a sense of achievement, enhance self-confidence , Training Spirit of cooperation , and with continuous learning Ability '[4], Instead of prosecuting students for the results of an English exam . because The value orientation of the "" takes equal emphasis on the procedure , motivation effects for students , over Process and a comprehensive evaluation of non-intelligence factors closely related to learning "" [5] .

Next , Combining specific English courses , such as reading , Writing , Read and heard etc , Principles for procedural evaluation , element , Implementation Design , asProcess evaluation should adhere to subjectivity , Diversity , , Encouraging and open original [], Design process-oriented teaching effect evaluation model [7] , and will be spoken test

bring into class ″ attaching importance to procedural exercises [] etc .

last , confirm the actual effect of the process evaluation , passes the procedure Evaluation Way of training , Significant increase in oral and writing skills , English four levelover rate from previous insufficient 5% raise to 30% . fact proof , This evaluation

The method results in a significant [8] . but not enough , ″ Effect of procedural evaluation " No doubt , But its implementation is relatively complex , So we have to constantlyExplore , forms an effective process evaluation scenario and pattern ″[4] " .

To look at , because of the drawbacks of the finalization exam , introduced Process Evaluation , proven test , the effect is really obvious . But this type of researchInevitably has the same, a mere formality . : just replace learning content , Professional background and classroom organizational style , is a new research work . further tosay , Procedural evaluation is really a panacea? ? author considers , in person for as the subject of the evaluation , The objectivity and effect of the procedural evaluation is hard to guarantee . from the reference frame of the

teaching evaluation criteria, past Process evaluation is an individual intrinsic difference evaluation, Its function is to be in time to reflect students ' learning situation, Prompting students to make a product of the learning process Polar reflections and summaries . so, We need to learn about each student. move Real Records and feedback, for teachers as evaluation principals, This is almost impossible task . but with the development and entry of information technology into education field, this _ The problem found a way to fix it, Speexx The system is A technique such as .

2. Speexx Introduction to a hybrid Foreign language learning program

Speexx (shi-ge -) system Mixed language learning scheme (Blended Foreign Language Learning System) is) from Munich, Germany Global Renowned online language training solutions provider DP (Digital Publishing) products developed by, is committed to helping large businesses around the world employees of the industry to promote cross-border business communication skills and foreign language skills, it globally available English, French, Spanish, German and Italian words 5 Online hybrid language training and testing solution for large

languages , and holds up to User Language . with programming experts , language experts International team ,DP The company has developed the top language learning software and training information , and enables online with advanced software systems and diverse solutions Learning languages becomes practical and effective .

Mixed Foreign language learning scheme contains syntax on content , Vocabulary , pronunciation in (speexx original Intellispeech Accent weakening system) , outside reading and business and several major sections , include autonomic learning systems in learning styles , specialty Private tutoring , Professional phone courses , Face-to-face courses , , Global virtual class, etc. ; except out of study , The system also provides a level test , language skills for learners Row-level evaluation .

Speexx The Basic Learning program for mixed foreign language learning programs is as follows :

After creating user information , Course learning start with the horizontal test , also is the first place for learners to accept the ″″ ″″ European language Teaching and assessment common platform "(CEFR * * ″ () ()) horizontal test , usually , 0 Basic beginners of a foreign language The person can skip the

horizontal test link and a certain basis for the learner to receive

the higher the level of language that is displayed in the process

of horizontal testing for , then The more difficult the tests are . ,

durationlonger , maximum can be reached @ minutes . after

the level test is over , system based on subject's knowledge The

actual level of the can be assigned the corresponding level of the

course .

trainees go to Course home Page , to enter My Practice --

This is a class Process Core , Follow given program , completes a

learning unit . except ’ i Practice " outside this item ″ , Course

home also displays ″ syntax ″ ″ pronunciations ″ " words "

Business " online magazine and New York Times video several

columns , this is a secondary content , for learner autonomy and

lookup references . A learning list Meta often starts with a

commercial video conversation , The dialog contains this single

The syntax to appear , Terms and expressions . video playback ,

Learners can choose ″ translation ″, Make captions appear in the

language you are familiar with ; also to select closed

Captions , Improve audio-visual difficulty . after audio-visual

end , will appear Various types of exercises that are centered on

audio-visual content , optional Words and

sentences , conjunction to sentence , inflection etc , certainly

includes spoken language training ; when encounters difficulties , to choose a syntax explanation , translation , dictionaries, and other auxiliary means ; to help all secondary Assistant segment（if necessary）After you complete the exercise , enters To correct Link , that is system to evaluate youranswers , The wrong answer is clearly displayed , You need to modify it（Query system-provided explanations when necessary）, until you're correct . . system based on Learner's answers , give out water level of rating , eight 2,C1 etc .

in Cell Overview under the menu , You can query to you on this unit Learn all information , including learning time , Practice Score , Learning Progress ; can also to query the learning status of several previous units , to know that you're here the Learning effects in the learning time before . In addition to the learning module,speexx The system also provides a horizontal test module , and contains the midterm and final exams module , with full To control the learner 's learning effects by different users or authorities. Complete and pass the appropriate level assessment , Trainees will be granted speexx Ability Approval Certificate . The certificate has a fine record of students based onCEFR standard language statement Ability level .

almost , Speexx system out of the learner's actual level and skills send , provide training courses and systematic coaching to meet learners ' foreign language statusmeans and contents , and implement real-time horizontal tests , to promote learner continuity Progress . theoretically , as long as learners can insist on using , must be make progress .

three , Sp ee xx Autonomous Learning system and process evaluation

2016 Year 9 Month , China Civil Aviation Flight Academy from Depp (DP) Shanghai Sub Company introduced speexx system , Provides a mix of Foreign language learning programs for students majoring in flight technology. The system has been running for nearly two semesters since , for raise fly Line Technical students ' English proficiency plays an important role in . especially its evaluation system The is significant for promoting the effectiveness of procedural evaluations .

3. Speexx Horizontal test evaluation of

Speexx The system is based on the CEFR level evaluation of horizontal tests put foreign language skills can be divided into A,B ,C three levels , where A The level is primary user , B The level

is Independent level user , C level for proficient user ; Each level is divided into two files , divide No, a1 , A 2; B 1 , B 2 and C 1 , C 2. where ,B files andC file is also divided into 2 level , that is B 1 . 1 , B 1 . 2; B 2.1 , B 2.2 C 1 . 1 , C 1 . 2; C 2 . 1 , C 2 . 2. Learners in the process of accepting a level test , System According to the learner's answer condition , automatically increase or lower test topic . For example , the learner selected the When the Test level was selected for the A1, but perform very well during the answer excellent , The system may automatically pull up eight 2 or B1.1 Difficulty , learner in the result of the test after it is completed May be B1.1. same as, If learning Learner Due to neglect of efforts in recent studies , the next One times Water Ping test B1. 2 Down to eight 2, or even eight 1. This is a dynamically level test , The goal is to motivate learners to keep their learning and working habits .

4. Speexx procedural nature of learning and horizontal testing

   as described earlier , Speexx The system first makes the actual level of the learner test (Language Assessment), and to Determine the difficulty of a new course for learners level , Learning with online learning and mobile devices (Online ^ Mobilelearn - ing) process , Accept immediate guidance at any

time（Instant coaching), Training for real-time communication skills（Live Communication skilstaining ）， Accept active guidance from the system at any time (eight ctVe Coaching), last， to do a final test and obtain a level certificate (Final d est & certificate). throughout the learning process， system to Learner's Every learning record， and testing horizontally . in other words， learners Log on to the system every time， will leave traces of learning and level tests， the is equivalent to the current quiz . but this test， is not to give learners a next knotcomment， But a feedback on the learner's learning effect . through records Learner's learning length， dictionary usage syntax content Query condition， XI The completion of the title and the information about the following reading， can give learners a When intuitive feedback . combined with previous studies and proficiency tests signs， To learn tasks and that learners can accomplish over a period of time the level reached . In addition to the tests currently being tested， system also has midterm exams and final exam， It can be seen as a learning effect for learners over time . the end of the final exam can also be viewed as a continuation of a series of phased tests .

as described in the preceding article， The purpose of implementing a process evaluation is not to make the whole

students put together，compare their learning attitudes and behavior with to differentiate , but to evaluate the intrinsic difference of an individual，Its function is to be in time to reflect students ' learning，prompting students to actively learn the process To reflect and summarize，is a true note for each student's learning activities Record and feedback . from this point of view, speexx The system is undoubtedly in accordance with The procedure the nature of the evaluation requires .

5. Chinese fly home use speexx System Status and process evaluation

Spexx The system has been in use for nearly two semesters in the academy.，while taking the

has a good effect，But some problems are also exposed . We help with speexx Data statistical analysis system can be very accurate to obtain the students The exact data in the course of the study . speexx system Basic Statistics modulo block includes eight ssessment（level test），Course（course），Users（with User）three parts . assessment is the user's initial level test，is lesson The foreign language level of the students before the beginning couse is a user -learned full history includes completed and learning courses，The difficulty level of the

course ; users are user's personal information , is included in the system's registration time , initial level , learning Experience , The level currently reached, etc. . on the Three modules can be consolidated , form about a classmate , class even grade data Rollup . other than , speexx The system also provides a small note recorded trainees based on CEFR standard language Capability approval certificate .

We use the nickname CAFUC 999 Example of the student surnamed Ding in: , Ocean Fine Analysis His learning process vs. online test results , to make him objective , reasonable evaluation .

Overall level analysis : CAFUC 999 in 2016 Year 9 Month Day Registration Speexx system , and 2016 Year Ten Month The day completes the initial horizontal measurementset , rating level eight 2, Evaluation time is is divided into seconds ; 016 Year Month 4 Day , CAFUC 999 To participate in the online horizontal test , Rating is B 1.1, Evaluatetime to points seconds ; 2017 Year 3 Month Day , CAFUC 999 to participate in the Line Horizontal test , rating is still B 1.1, Evaluation time is divide seconds . 2017 year 5Month before day , CAFUC 999 take online horizontal test , Comment Set level continues to B1.1, Evaluation Time

points @ sec . 2017 year 6 Month 9 Day，CAFUC999 take online horizontal test，Rating spans to C 1. 1, evaluation time is all divide only sec . only for data display，We can determine This student has achieved a transition from primary user to proficient user .

Learning Time Analysis：016 Year Ten Month 9 Day One 2017 Year 2 Month 5 Day，CAFUC 999 Learning B1.1 level of courses，Total time consuming hours Ten is dividedinto clock；2016 year Month 5 Day One 2017 Year 4 Month 9 Day，CAFUC 999 Learning B 1.2 level，total time 14 hours 6 minutes；017 year 3 $ 9 Day to date，CAFUC 999 To learn both B 2.1 and B 2.2 Two-level classes process，current，B 2.1 is time consuming hours 8 minute，B 2.2 is time consuming 7 hours All minute .

Learning content Analysis：Just one example，Until 2017 Year 3 Month 7 Yue divide，CAFUC 999 for B 1.2 Course online learning content in time is distributed between：online magazine Total Projects % seconds；New York Times video Item Mesh Total [] Sub seconds；Syntax Total Projects 7 is divided into Ten seconds；pronunciation Project3 hours is divided into One seconds，Other items are 0.

based on the above content，we can CAFUC 999 The student makes the following evaluation：

(1)There is a lot of one-sidedness in the learner's learning content．on B1.2 course in，This student faces syntax ″ pronunciation ″ words ″ business ″ ″ online magazineand " New York Times video ″ And so many items，only ″″ pronunciation ″″ One paid more than more time to learn．

(2)The student lacks initiative in learning．Because of the afternoon session of our School, the is for 18:00，and the trainee ends The course's study page，at the end of the page. XI．and，The student's study of the following course，takes more time to less．These all reflect the student's lack of initiative in learning．

(3)The trainee is suspected of cheating on a level test．because the student has a continuous 3 time to participate level determination all is B 1.1, but skipped on the last Test B 1.2,B2.1 and B2.2 Three difficult level levels，completes the directly C 1.1. We have a duty to challenge this.，to help the trainee get real Progress．

if the CAFUC 999 relevant data for and flight technology specialty all 2244 The data for the trainee is put together for analysis comparison，is more capable of thestudents make clearer positioning and evaluation．

To sum up, say，analyzes the individual and the entire data，We find，Flight Technology cadets for the Speexx system use，Save on the following issues：The first is learner myopia .，due to speexx System main If language skills are trained for professional communication，So in a lot of cases，，，，and learners are now learning to use，，which is the language you just learned in the system, can apply to careers after a few minutes，But in school environment，students missing lack of actual communicative needs，They're learning more or to reach the official point. Fixed an established language level，lack of active outreach and training，is a long term Lay the groundwork for professional requirements；the second thing is not to do it，on system resources use not full，system resource contains syntax，word，read，Online news newspaper magazines and New York Times Video News and other vivid learning materials，But learning students often after completing their own established course，Exit System，To play with the hand machine or computer games, etc. .

for these cases，I think the most important task is to strengthen students Ideological education，make students understand，No matter how good a system，final to have someone's participation and input，to help people progress；

person，should always be for the owner of the machine，instead of being slave to the bondage of electronic systems．at the same time，teach the Group of teachers should also strengthen their learning for this autonomous learning system，，use with research investigate，turnSpeexx System as an important part of the mixed teaching mode，Instead of handing them over to the students, use．

6. Epilogue

Procedural evaluations require us to be attentive to students' intelligence in the teaching process Developing procedural results，make the students' study quality and level in a timely manner judgement（It's difficult to make an objective judgment on teacher evaluation or student mutual review），bound to performance，Find Problems，Improved Methods；The purpose of implementing a procedural evaluation is not to Put All students together，on their learning attitude and behavior Compare and differentiate，But for the intrinsic diversity of every student. record，feedback and corrections．so，Traditional teacher as evaluation body，or students evaluating each other as a subjective evaluation method is difficult to achieve real process assessment Price．spexx system as in world

reputation，award-winning courses The Training software , has a significant effect on improving the foreign language skills of workplace employees fruit，But after the introduction of school，How to maximize their procedural evaluation Great advantage，requires more research and practice to discover .

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