



February 20, 2018

ENGROSSED
SENATE BILL No. 172

DIGEST OF SB 172 (Updated February 20, 2018 10:26 am - DI 116)

Citations Affected: IC 20-20; IC 20-30; IC 20-32.

Synopsis: Computer science. Establishes the next level computer science grant program (program) and the next level computer science fund (fund) to award grants, after June 30, 2019, to eligible entities to implement teacher professional development programs for training in teaching computer science. Requires the department of education (department) to: (1) administer the program and fund; and (2) develop, in consultation with the governor's office, guidelines to award grants from the fund to eligible entities. Requires, not later than August 1, 2018, the state superintendent of public instruction to enter into a contract for professional development services. Requires the department to biannually submit a progress report to the governor regarding the: (1) development and administration of the program and fund; and (2) status of public schools in meeting computer science
(Continued next page)

Effective: Upon passage; January 1, 2018 (retroactive).

**Raatz, Kruse, Leising, Freeman,
Melton, Randolph Lonnie M, Bassler**
(HOUSE SPONSORS — SULLIVAN, SHACKLEFORD, COOK, BURTON)

January 8, 2018, read first time and referred to Committee on Education and Career Development.
January 18, 2018, amended, reported favorably — Do Pass; reassigned to Committee on Appropriations.
January 25, 2018, amended, reported favorably — Do Pass.
January 29, 2018, read second time, ordered engrossed. Engrossed.
January 30, 2018, read third time, passed. Yeas 48, nays 1.

HOUSE ACTION

February 6, 2018, read first time and referred to Committee on Education.
February 20, 2018, amended, reported — Do Pass. Referred to Committee on Ways and Means pursuant to Rule 127.

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Digest Continued

curriculum requirements. Provides that, if the department does not comply with the requirements regarding the program and fund, the state board of education shall assume the department's duties. Requires (beginning July 1, 2021) each public school to offer a computer science course as a one semester elective course in its curriculum at least once each school year to high school students. Requires (beginning July 1, 2021) each public school to include computer science in the public school's science curriculum for students in kindergarten through grade 12. Provides that the state board may approve a local graduation pathway. Establishes the local graduation pathway fund (fund). Provides that the state board may award development grants from the fund for proposed local graduation pathways.



February 20, 2018

Second Regular Session 120th General Assembly (2018)

PRINTING CODE. Amendments: Whenever an existing statute (or a section of the Indiana Constitution) is being amended, the text of the existing provision will appear in this style type, additions will appear in **this style type**, and deletions will appear in ~~this style type~~.

Additions: Whenever a new statutory provision is being enacted (or a new constitutional provision adopted), the text of the new provision will appear in **this style type**. Also, the word **NEW** will appear in that style type in the introductory clause of each SECTION that adds a new provision to the Indiana Code or the Indiana Constitution.

Conflict reconciliation: Text in a statute in *this style type* or ~~this style type~~ reconciles conflicts between statutes enacted by the 2017 Regular Session of the General Assembly.

ENGROSSED SENATE BILL No. 172

A BILL FOR AN ACT to amend the Indiana Code concerning education.

Be it enacted by the General Assembly of the State of Indiana:

1 SECTION 1. IC 20-20-45 IS ADDED TO THE INDIANA CODE
2 AS A **NEW** CHAPTER TO READ AS FOLLOWS [EFFECTIVE
3 UPON PASSAGE]:

4 **Chapter 45. Next Level Computer Science Program**

5 **Sec. 1. As used in this chapter, "eligible entity" means:**

- 6 (1) a postsecondary educational institution; or
7 (2) any organization that provides a nationally recognized and
8 high quality professional development training program in
9 computer science education.

10 **Sec. 2. As used in this chapter, "fund" refers to the next level**
11 **computer science fund established by section 7 of this chapter.**

12 **Sec. 3. As used in this chapter, "postsecondary educational**
13 **institution" refers to any state educational institution (as defined**
14 **in IC 21-7-13-32) or private postsecondary educational institution**
15 **that receives state or federal funds.**

16 **Sec. 4. As used in this chapter, "program" refers to the next**
17 **level computer science grant program established by section 5 of**

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1 this chapter.

2 **Sec. 5.** The next level computer science grant program is
3 established to provide grants to eligible entities to develop and
4 implement high quality teacher professional development
5 programs in computer science.

6 **Sec. 6.** The department, in consultation with the governor's
7 office, shall develop guidelines to award grants, after June 30,
8 2019, to eligible entities. The guidelines developed by the
9 department must include:

10 (1) the ability of an eligible entity to provide effective training
11 for a teacher who does not have previous exposure to teaching
12 computer science;

13 (2) the ability of an eligible entity to implement effective
14 practices for providing professional development in computer
15 science that include:

16 (A) the eligible entity's ability to provide a teacher with
17 practical training in teaching computer science that is
18 founded on evidence based research; and

19 (B) the eligible entity's ability to tailor the professional
20 development program to the needs of the teacher and the
21 students the teacher serves; and

22 (3) any other criteria the department considers relevant.

23 **Sec. 7.** The next level computer science fund is established. The
24 department must use money in the fund to provide grants from the
25 fund to eligible entities to develop and implement high quality
26 teacher professional development programs in computer science.

27 **Sec. 8. (a)** The fund consists of the following:

28 (1) Appropriations from the general assembly.

29 (2) Gifts to the fund.

30 (3) Grants, including grants from private entities.

31 (4) Other state funds that are transferred to the fund.

32 (b) The expenses of administering the fund shall be paid from
33 money in the fund.

34 (c) The treasurer of state shall invest the money in the fund not
35 currently needed to meet the obligations of the fund in the same
36 manner as other public money may be invested. Interest that
37 accrues from these investments shall be deposited into the fund.

38 (d) Money in the fund at the end of a state fiscal year does not
39 revert to the state general fund.

40 **Sec. 9.** The department shall administer the program and fund.

41 **Sec. 10.** Notwithstanding any other law or policy to the
42 contrary, before August 1, 2018, the state superintendent of public



1 instruction shall enter into a contract for professional development
 2 services with an organization that provides a nationally recognized
 3 training program for professional development in computer
 4 science education from early learning through postsecondary
 5 education.

6 **Sec. 11. Beginning July 1, 2019, an eligible entity may apply to**
 7 **the department to receive a grant from the fund on a form**
 8 **provided by the department.**

9 **Sec. 12. The department shall biannually submit to the governor**
 10 **a progress report regarding the following:**

11 (1) **The development and administration of the program and**
 12 **fund under this chapter.**

13 (2) **The status of public schools in meeting the requirements**
 14 **under IC 20-30-5-23.**

15 **The report must be submitted not later than July 15, 2018, and not**
 16 **later than July 15 and January 15 each year thereafter.**

17 **Sec. 13. The department may adopt rules under IC 4-22-2 to**
 18 **implement this chapter.**

19 **Sec. 14. If the department does not comply with the**
 20 **requirements of this chapter, the state board:**

21 (1) **shall assume the duties of the department under this**
 22 **chapter; and**

23 (2) **may adopt rules under IC 4-22-2 to implement this**
 24 **chapter.**

25 SECTION 2. IC 20-30-5-7, AS AMENDED BY P.L.231-2017,
 26 SECTION 1, IS AMENDED TO READ AS FOLLOWS [EFFECTIVE
 27 UPON PASSAGE]: Sec. 7. (a) Each school corporation shall include
 28 in the school corporation's curriculum the following studies:

29 (1) Language arts, including:

30 (A) English;

31 (B) grammar;

32 (C) composition;

33 (D) speech; and

34 (E) second languages.

35 (2) Mathematics.

36 (3) Social studies and citizenship, including the:

37 (A) constitutions;

38 (B) governmental systems; and

39 (C) histories;

40 of Indiana and the United States, including a study of the
 41 Holocaust in each high school United States history course.

42 (4) Sciences, **including, after June 30, 2021, computer science.**



1 (5) Fine arts, including music and art.

2 (6) Health education, physical fitness, safety, and the effects of
3 alcohol, tobacco, drugs, and other substances on the human body.

4 (7) Additional studies selected by each governing body, subject
5 to revision by the state board.

6 (b) Each:

7 (1) school corporation;

8 (2) charter school; and

9 (3) accredited nonpublic school;

10 shall offer the study of ethnic and racial groups as a one (1) semester
11 elective course in its high school curriculum at least once every school
12 year.

13 (c) The course described in subsection (b) may be offered by the
14 school corporation, charter school, or accredited nonpublic school
15 through a course access program administered by the department.

16 SECTION 3. IC 20-30-5-23 IS ADDED TO THE INDIANA CODE
17 AS A **NEW SECTION TO READ AS FOLLOWS [EFFECTIVE**
18 **UPON PASSAGE]: Sec. 23. (a) After June 30, 2021, each public**
19 **high school, including each charter school, shall offer at least one**
20 **(1) computer science course as a one (1) semester elective in the**
21 **public high school's curriculum at least once each school year for**
22 **high school students.**

23 (b) After June 30, 2021, each public school, including each
24 charter school, shall include computer science in the public school's
25 curriculum for students in kindergarten through grade 12. A
26 public high school fulfills the requirements under this subsection
27 by meeting the requirements under subsection (a).

28 (c) If a public school fails to comply with this section, the
29 department shall assist the public school in meeting the
30 requirements under this section.

31 SECTION 4. IC 20-32-4.5 IS ADDED TO THE INDIANA CODE
32 AS A **NEW CHAPTER TO READ AS FOLLOWS [EFFECTIVE**
33 **JANUARY 1, 2018 (RETROACTIVE)]:**

34 **Chapter 4.5. Local Graduation Pathway Program and Grants**

35 **Sec. 1. (a) A school corporation, school, or consortium of school**
36 **corporations or schools may establish a locality specific graduation**
37 **pathway to satisfy the requirements in IC 20-32-4-1.5(b)(1) by**
38 **working with an evaluator described in section 2 of this chapter to**
39 **develop a local graduation pathway in the manner provided in**
40 **section 3 of this chapter.**

41 (b) The state board shall establish procedures to implement this
42 chapter.



1 **Sec. 2. The state board, in consultation with the department,**
 2 **shall enter into an agreement with a third party collaborator to**
 3 **build partnerships between schools, employers, and higher**
 4 **education to:**

- 5 (1) compare the parity of the rigor of proposed local
 6 graduation pathways under this chapter; and
 7 (2) assist a school corporation, school, or consortium of school
 8 corporations or schools to develop a local graduation pathway
 9 under section 3 of this chapter.

10 **Sec. 3. (a) A school corporation, school, or consortium of school**
 11 **corporations or schools may develop a local graduation pathway**
 12 **if:**

- 13 (1) the school corporation, school, or consortium of school
 14 corporations or schools agrees to work with a collaborator
 15 described in section 2 of this chapter in the development of the
 16 local graduation pathway; and
 17 (2) the school corporation, school, or consortium of school
 18 corporations or schools establishes partnerships to implement
 19 a local graduation pathway with:
 20 (A) business or industry;
 21 (B) higher educational institutions; or
 22 (C) community partners.

23 (b) A school corporation, school, or consortium of school
 24 corporations or schools that develops a local graduation pathway
 25 under this chapter may be eligible for a development grant under
 26 section 4 of this chapter.

27 (c) A collaborator described in section 2 of this chapter that
 28 works with a school corporation, school, or consortium of school
 29 corporations or schools under this section must ensure that the
 30 local graduation pathway:

- 31 (1) establishes partnerships described in subsection (a)(2);
 32 (2) will provide clear outcomes for students beyond high
 33 school;
 34 (3) will meet current course and credit requirements under
 35 IC 20-32-4 and has parity in rigor with postsecondary ready
 36 competencies;
 37 (4) will take advantage of:
 38 (A) resources available to the school corporation, school,
 39 or consortium of school corporations or schools; or
 40 (B) partnerships with entities described in subsection
 41 (a)(2);
 42 (5) will be marketed to:



- 1 (A) students;
 2 (B) parents; and
 3 (C) stakeholders; and
 4 (6) includes a mechanism to adequately evaluate the
 5 effectiveness of the local graduation pathway and a
 6 mechanism in which the school corporation, school, or
 7 consortium of school corporations or schools will work to
 8 continuously improve the local graduation pathway based
 9 upon the evaluation.
- 10 (d) The school corporation, school, or consortium of school
 11 corporations or schools must agree to share information relating
 12 to the local graduation pathway with the state board to collaborate
 13 with other school corporations or schools regarding the
 14 establishment or development of a similar local graduation
 15 pathway.
- 16 Sec. 4. (a) Except as provided in subsection (b) or (c), a school
 17 corporation, school, or consortium of school corporations or
 18 schools that agrees to work with a collaborator described in section
 19 2 of this chapter is eligible to receive a development grant under
 20 this section to develop a local graduation pathway under section 3
 21 of this chapter. The amount of the development grant may not
 22 exceed twenty-five thousand dollars (\$25,000).
- 23 (b) In order to receive a development grant under this section,
 24 the school corporation, school, or consortium of school
 25 corporations or schools must submit a request to the state board in
 26 a manner prescribed by the state board within a time frame
 27 determined by the state board. If twenty (20) or fewer school
 28 corporations, schools, or consortia of school corporations or
 29 schools request a development grant within the time frame
 30 established by the state board, each school corporation, school, or
 31 consortium of school corporations or schools is entitled to receive
 32 the grant under subsection (a). However, if more than twenty (20)
 33 school corporations, schools, or consortia of school corporations or
 34 schools submit a request for a development grant under this
 35 section within the time frame established by the state board, the
 36 state board shall establish a lottery to award not more than twenty
 37 (20) development grants under subsection (a).
- 38 (c) The state board:
 39 (1) shall establish criteria to the extent possible and achieve
 40 geographic balance throughout Indiana when awarding
 41 grants under subsection (a); and
 42 (2) may establish additional eligibility criteria for a



- 1 development grant under this section.
- 2 (d) If a school corporation, school, or consortium of school
- 3 corporations or schools that is not eligible to receive a development
- 4 grant under this section because the school corporation, school, or
- 5 consortium of school corporations or schools does not meet
- 6 eligibility criteria established by the state board under subsection
- 7 (c), the school corporation, school, or consortium of school
- 8 corporations or schools may appeal to the state board in a manner
- 9 prescribed by the state board. The state board shall review each
- 10 appeal and either:
- 11 (1) deny the appeal; or
- 12 (2) grant a waiver to the school corporation, school, or
- 13 consortium of school corporations or schools from the
- 14 eligibility criteria.
- 15 Sec. 5. (a) The local graduation pathway fund is established for
- 16 the purpose of providing grants under this chapter.
- 17 (b) The local graduation pathway fund consists of:
- 18 (1) money transferred to the fund from the state board, the
- 19 department, or the commission for higher education;
- 20 (2) appropriations made by the general assembly; and
- 21 (3) gifts and donations to the fund.
- 22 (c) The local graduation pathway fund shall be administered by
- 23 the state board.
- 24 (d) The expenses of administering the local graduation pathway
- 25 fund shall be paid from money in the fund.
- 26 (e) Money in the local graduation pathway fund at the end of a
- 27 state fiscal year does not revert to the state general fund.
- 28 (f) The treasurer of state shall invest the money in the local
- 29 graduation pathway fund not currently needed to meet the
- 30 obligations of the fund in the same manner as other public funds
- 31 may be invested.
- 32 Sec. 6. This chapter expires July 1, 2019.
- 33 SECTION 5. An emergency is declared for this act.



COMMITTEE REPORT

Madam President: The Senate Committee on Education and Career Development, to which was referred Senate Bill No. 172, has had the same under consideration and begs leave to report the same back to the Senate with the recommendation that said bill be AMENDED as follows:

Page 2, line 5, delete "programs." and insert "**programs in computer science.**".

Page 2, line 6, delete "state board" and insert "**department, in consultation with the governor's office,**".

Page 2, line 8, delete "state board" and insert "**department**".

Page 2, line 21, delete "state board" and insert "**department**".

Page 2, line 23, delete "state board" and insert "**department**".

Page 2, line 25, delete "programs." and insert "**programs in computer science.**".

Page 2, line 39, delete "state board" and insert "**department**".

Page 3, line 2, delete "September 30, 2018, the executive director of the" and insert "**August 1, 2018, the state superintendent of public instruction**".

Page 3, line 3, delete "state board appointed under IC 20-19-2-2.1".

Page 3, line 4, after "contract" insert "**for professional development services**".

Page 3, line 9, delete "state board" and insert "**department**".

Page 3, line 10, delete "state board." and insert "**department.**".

Sec. 14. The department shall biannually submit to the governor a progress report regarding the following:

(1) The development and administration of the program and fund under this chapter.

(2) The status of public schools in meeting the requirements under IC 20-30-5-23.

The report must be submitted not later than July 15, 2018, and not later than July 15 and January 15 each year thereafter.

Sec. 15. The department may adopt rules under IC 4-22-2 to implement this chapter.

Sec. 16. If the department does not comply with the requirements of this chapter, the state board:

(1) shall assume the duties of the department under this chapter; and

(2) may adopt rules under IC 4-22-2 to implement this chapter."

Page 3, delete lines 11 through 42.



Page 4, delete lines 1 through 9.

Page 5, line 4, delete "including a" and insert "**including each**".

Page 5, line 8, delete "charter school" and insert "**public school, including each charter school,**".

Page 5, line 9, delete "charter" and insert "**public**".

Page 5, line 10, after "12." insert "**A public high school fulfills the requirements under this subsection by meeting the requirements under subsection (a).**

(c) If a public school fails to comply with this section, the department shall do the following:

(1) Assist the public school in meeting the requirements under this section.

(2) Ensure that all public schools meet the requirements under this section."

Renumber all SECTIONS consecutively.

and when so amended that said bill do pass and be reassigned to the Senate Committee on Appropriations.

(Reference is to SB 172 as introduced.)

KRUSE, Chairperson

Committee Vote: Yeas 11, Nays 0.

COMMITTEE REPORT

Madam President: The Senate Committee on Appropriations, to which was referred Senate Bill No. 172, has had the same under consideration and begs leave to report the same back to the Senate with the recommendation that said bill be AMENDED as follows:

Delete the title and insert the following:

A BILL FOR AN ACT to amend the Indiana Code concerning education.

Page 2, delete lines 38 through 39, begin a new paragraph and insert:

"(d) Money in the fund at the end of a state fiscal year does not revert to the state general fund."

Page 2, line 40, delete "10." and insert "9."

Page 2, delete lines 41 through 42.

Page 3, delete line 1.

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Page 3, line 2, delete "12." and insert "10."
Page 3, line 9, delete "13." and insert "11."
Page 3, line 12, delete "14." and insert "12."
Page 3, line 20, delete "15." and insert "13."
Page 3, line 22, delete "16." and insert "14."

and when so amended that said bill do pass.

(Reference is to SB 172 as printed January 19, 2018.)

MISHLER, Chairperson

Committee Vote: Yeas 11, Nays 0.

COMMITTEE REPORT

Mr. Speaker: Your Committee on Education, to which was referred Senate Bill 172, has had the same under consideration and begs leave to report the same back to the House with the recommendation that said bill be amended as follows:

Page 4, line 18, after "public" insert "**high**".

Page 4, line 20, after "public" insert "**high**".

Page 4, line 25, delete "science".

Page 4, delete lines 28 through 33, begin a new paragraph and insert:

"(c) If a public school fails to comply with this section, the department shall assist the public school in meeting the requirements under this section."

Page 4, between lines 33 and 34, begin a new paragraph and insert:
"SECTION 4. IC 20-32-4.5 IS ADDED TO THE INDIANA CODE AS A NEW CHAPTER TO READ AS FOLLOWS [EFFECTIVE JANUARY 1, 2018 (RETROACTIVE)]:

Chapter 4.5. Local Graduation Pathway Program and Grants

Sec. 1. (a) A school corporation, school, or consortium of school corporations or schools may establish a locality specific graduation pathway to satisfy the requirements in IC 20-32-4-1.5(b)(1) by working with an evaluator described in section 2 of this chapter to develop a local graduation pathway in the manner provided in section 3 of this chapter.

(b) The state board shall establish procedures to implement this chapter.

Sec. 2. The state board, in consultation with the department,



shall enter into an agreement with a third party collaborator to build partnerships between schools, employers, and higher education to:

- (1) compare the parity of the rigor of proposed local graduation pathways under this chapter; and
- (2) assist a school corporation, school, or consortium of school corporations or schools to develop a local graduation pathway under section 3 of this chapter.

Sec. 3. (a) A school corporation, school, or consortium of school corporations or schools may develop a local graduation pathway if:

- (1) the school corporation, school, or consortium of school corporations or schools agrees to work with a collaborator described in section 2 of this chapter in the development of the local graduation pathway; and
- (2) the school corporation, school, or consortium of school corporations or schools establishes partnerships to implement a local graduation pathway with:
 - (A) business or industry;
 - (B) higher educational institutions; or
 - (C) community partners.

(b) A school corporation, school, or consortium of school corporations or schools that develops a local graduation pathway under this chapter may be eligible for a development grant under section 4 of this chapter.

(c) A collaborator described in section 2 of this chapter that works with a school corporation, school, or consortium of school corporations or schools under this section must ensure that the local graduation pathway:

- (1) establishes partnerships described in subsection (a)(2);
- (2) will provide clear outcomes for students beyond high school;
- (3) will meet current course and credit requirements under IC 20-32-4 and has parity in rigor with postsecondary ready competencies;
- (4) will take advantage of:
 - (A) resources available to the school corporation, school, or consortium of school corporations or schools; or
 - (B) partnerships with entities described in subsection (a)(2);
- (5) will be marketed to:
 - (A) students;



(B) parents; and

(C) stakeholders; and

(6) includes a mechanism to adequately evaluate the effectiveness of the local graduation pathway and a mechanism in which the school corporation, school, or consortium of school corporations or schools will work to continuously improve the local graduation pathway based upon the evaluation.

(d) The school corporation, school, or consortium of school corporations or schools must agree to share information relating to the local graduation pathway with the state board to collaborate with other school corporations or schools regarding the establishment or development of a similar local graduation pathway.

Sec. 4. (a) Except as provided in subsection (b) or (c), a school corporation, school, or consortium of school corporations or schools that agrees to work with a collaborator described in section 2 of this chapter is eligible to receive a development grant under this section to develop a local graduation pathway under section 3 of this chapter. The amount of the development grant may not exceed twenty-five thousand dollars (\$25,000).

(b) In order to receive a development grant under this section, the school corporation, school, or consortium of school corporations or schools must submit a request to the state board in a manner prescribed by the state board within a time frame determined by the state board. If twenty (20) or fewer school corporations, schools, or consortia of school corporations or schools request a development grant within the time frame established by the state board, each school corporation, school, or consortium of school corporations or schools is entitled to receive the grant under subsection (a). However, if more than twenty (20) school corporations, schools, or consortia of school corporations or schools submit a request for a development grant under this section within the time frame established by the state board, the state board shall establish a lottery to award not more than twenty (20) development grants under subsection (a).

(c) The state board:

(1) shall establish criteria to the extent possible and achieve geographic balance throughout Indiana when awarding grants under subsection (a); and

(2) may establish additional eligibility criteria for a development grant under this section.



(d) If a school corporation, school, or consortium of school corporations or schools that is not eligible to receive a development grant under this section because the school corporation, school, or consortium of school corporations or schools does not meet eligibility criteria established by the state board under subsection (c), the school corporation, school, or consortium of school corporations or schools may appeal to the state board in a manner prescribed by the state board. The state board shall review each appeal and either:

- (1) deny the appeal; or**
- (2) grant a waiver to the school corporation, school, or consortium of school corporations or schools from the eligibility criteria.**

Sec. 5. (a) The local graduation pathway fund is established for the purpose of providing grants under this chapter.

(b) The local graduation pathway fund consists of:

- (1) money transferred to the fund from the state board, the department, or the commission for higher education;**
- (2) appropriations made by the general assembly; and**
- (3) gifts and donations to the fund.**

(c) The local graduation pathway fund shall be administered by the state board.

(d) The expenses of administering the local graduation pathway fund shall be paid from money in the fund.

(e) Money in the local graduation pathway fund at the end of a state fiscal year does not revert to the state general fund.

(f) The treasurer of state shall invest the money in the local graduation pathway fund not currently needed to meet the obligations of the fund in the same manner as other public funds may be invested.

Sec. 6. This chapter expires July 1, 2019."

Renumber all SECTIONS consecutively.

and when so amended that said bill do pass.

(Reference is to SB 172 as printed January 26, 2018.)

BEHNING

Committee Vote: yeas 12, nays 0.

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