

2019

|  |  |             |
|--|--|-------------|
|  |  |             |
|  |  | 201 . .2    |
|  |  | 201 . .30   |
|  |  | 201 .10.30  |
|  |  | 201 .11.7   |
|  |  | 201 .11.20  |
|  |  | 201 . 12.30 |
|  |  | 201 .3.2    |
|  |  | 201 .4.30   |
|  |  | 201 .5.30   |
|  |  |             |
|  |  |             |
|  |  |             |
|  |  |             |

# 2019

610205

1

1

| ( ) | ( )  | ( )  | ( )                                    |     |                    |
|-----|------|------|--|-----|--------------------|
| 61  | 6102 | (65) | 4-04-05-01<br>2-02-10-03<br>4-04-05-02 | Web | NIT<br>( )<br>ACAA |

2

2

| ( ) | ( )  | ( )  | ( )  |  |                           |
|-----|------|------|--|--|---------------------------|
| 61  | 6102 | (65) | 2-02-10-03<br>2-02-10-09<br>2-02-10-11<br>4-04-05-02 |  | (MCPD)<br>SUN JAVA (SCJP) |

1

1

2

3

4

5

1 2

6

1 2

2

1

2

3

4

5

6

7

3

1

2

3

4

5

6

5

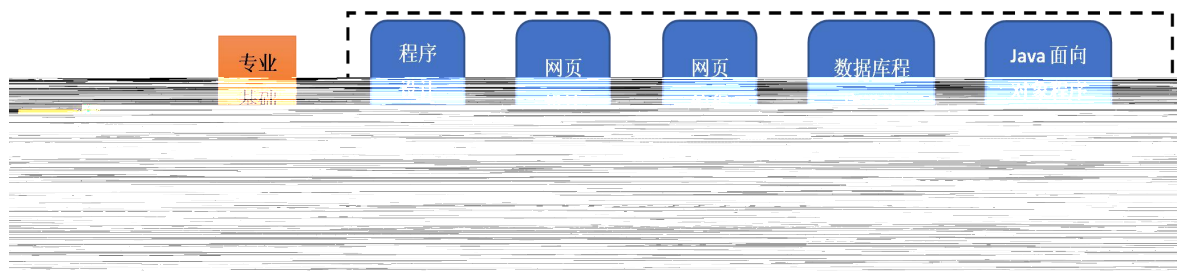
7

10

11

12

13



|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

|            |  |  |  |
|------------|--|--|--|
|            |  |  |  |
|            |  |  |  |
| <b>Web</b> |  |  |  |

1

1 " " 4 3

2 " " 64 4

3 " " 40 1

" "

201 1

"

"

4                    16            1

5                                    15            2

6                    32            2

7

144

32

2

16

1

10

16

1



11                      32                      2

12                      2                      2

15

120

16

46

3

17

16

1

1

16

1

,

1                    16            1

20                   60            4

21                   40            2.5

22                   32            2

23                   16            1

+

24

32

2

2

1

64

4

2

, ,

4

3

$$3 \quad + \quad + \quad +$$
$$64 \quad 4$$

$$4 \quad 64 \quad 4 \quad +$$

$$5 \quad 10 \quad 7$$

3

1

120

7.5

2

120

7.5

3

64

4

3

4

64

4

5

0

5

6

5+

3+

120

7.5

5

3

5

3





2

4

3

3

32

2

/

3

4

32

2

+

5

5

4

3

5

5

3

5

3

6

4

3

5

1

1

1

2

1 1

3

2 2

4

2 2

4

5

3 3

---

6

1

1

7

10

10

6

6

1

1

2

2

3

3

4

4

5

5

1

1

2

3

50%

4

2

3

1

2

| 1 |  |  | 1 |
|---|--|--|---|
| 2 |  |  | 1 |
| 3 |  |  | 1 |
| 4 |  |  | 1 |
| 5 |  |  | 1 |

3



|   |  |     |            |     |
|---|--|-----|------------|-----|
|   |  |     |            |     |
| 1 |  | Véb | vøb<br>vøb | 250 |
| 2 |  |     |            | 100 |
| 3 |  |     |            | 100 |

1.

2.

1

2

3

3.



1

2017 4

2

3

1

2

3

4

1

1

2

3

4

2

1

14

**1**

2019



|   |  |             |            |            |            |           |           |          |          |          |          |  |  |  |
|---|--|-------------|------------|------------|------------|-----------|-----------|----------|----------|----------|----------|--|--|--|
| 2 |  |             |            |            |            |           |           |          |          |          |          |  |  |  |
|   |  | 4.0         | 64         | 64         |            | 0         | 0         | 2        | 2        | 0        | 0        |  |  |  |
|   |  | <b>53.5</b> | <b>878</b> | <b>596</b> | <b>282</b> | <b>15</b> | <b>13</b> | <b>6</b> | <b>8</b> | <b>5</b> | <b>0</b> |  |  |  |

16

16

1 28

16

60

60

4

12


30

20.5





|   |           |         |           |            |           |            |          | / / / /  |          |          |          |          |   |   |   |
|---|-----------|---------|-----------|------------|-----------|------------|----------|----------|----------|----------|----------|----------|---|---|---|
|   |           |         |           |            |           |            |          |          |          |          |          |          |   |   |   |
|   |           |         |           |            |           | 1          | 2        | 3        | 4        | 5        | 6        |          |   |   |   |
|   |           |         |           |            |           |            |          | 16       | 1        | 1        | 16       | 14       | 0 |   |   |
| 1 |           | 0401065 | 3         | 4          | 24        | 24         |          |          |          | 3        |          |          |   | 3 | 2 |
| 2 |           |         | 3         | 4          | 24        | 24         |          |          |          | 3        |          |          |   | 3 | 1 |
| 3 |           | 0402122 | 2         | 32         | 16        | 16         |          |          |          |          | 2        |          |   | 4 | 2 |
| 4 |           |         | 2         | 32         | 16        | 16         |          |          |          |          | 2        |          |   | 4 | 1 |
| 5 | HTML5 APP |         | 3         | 4          | 24        | 24         |          |          |          |          |          | 4        |   | 5 | 2 |
| 6 |           | 0402006 | 3         | 4          | 24        | 24         |          |          |          |          |          | 4        |   | 5 | 1 |
|   |           |         |           |            | 12        | 64         | 64       | 0        | 0        | 3        | 2        | 4        |   |   |   |
| 1 |           | 0406292 | 2         | 56         |           | 56         |          |          |          |          |          | 2        |   |   |   |
| 2 |           | 0403181 | 3         | 4          |           | 4          |          |          |          |          |          | 3        |   |   |   |
|   |           |         | 5         | 140        | 0         | 140        | 0        | 0        | 0        | 0        | 5        | 0        |   |   |   |
|   |           |         | <b>13</b> | <b>570</b> | <b>64</b> | <b>204</b> | <b>0</b> | <b>0</b> | <b>3</b> | <b>2</b> | <b>9</b> | <b>0</b> |   |   |   |

|  |    |   |    |   |    |   |    |   |    |   |   |    |     |      |   |      |   |
|--|----|---|----|---|----|---|----|---|----|---|---|----|-----|------|---|------|---|
|  |    |   |    |   |    |   |    |   |    |   |   |    |     |      |   |      |   |
|  |    |   |    |   |    |   |    |   |    |   |   |    |     |      |   |      |   |
|  | 15 | 2 | 13 | 0 | 6  | 0 |    | 0 | 5  | 0 | 0 | 0  | 5   | 6    | 2 | 2    | 7 |
|  |    | 0 | 14 | 1 | 16 | 1 | 16 | 2 | 14 | 0 | 0 | 17 | 4   | 1076 |   | 1564 |   |
|  | 0  | 0 | 0  | 0 | 3  | 0 | 2  | 0 | 4  | 5 | 0 | 0  | 64  | 204  |   | 26   |   |
|  | 23 | 2 | 27 | 1 | 25 | 1 | 26 | 2 | 23 | 5 | 0 | 17 | 114 | 1562 |   | 2710 |   |

70%

14 .0