Princeton University
COS 217: Introduction to Programming Systems
Trace of testforkexit

```
% gcc217 testforkexit.c -o testforkexit
```

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```
% ./testforkexit
```

```
29595
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```
int main(void)
{
   pid_t iPid;
   printf("%d parent\n",
      (int)getPid());
   fflush(stdin);
   fflush(stdout);
   iPid = fork();
   if (iPid == 0)
   {
      printf("%d child\n",
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Writes:

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29595 parent
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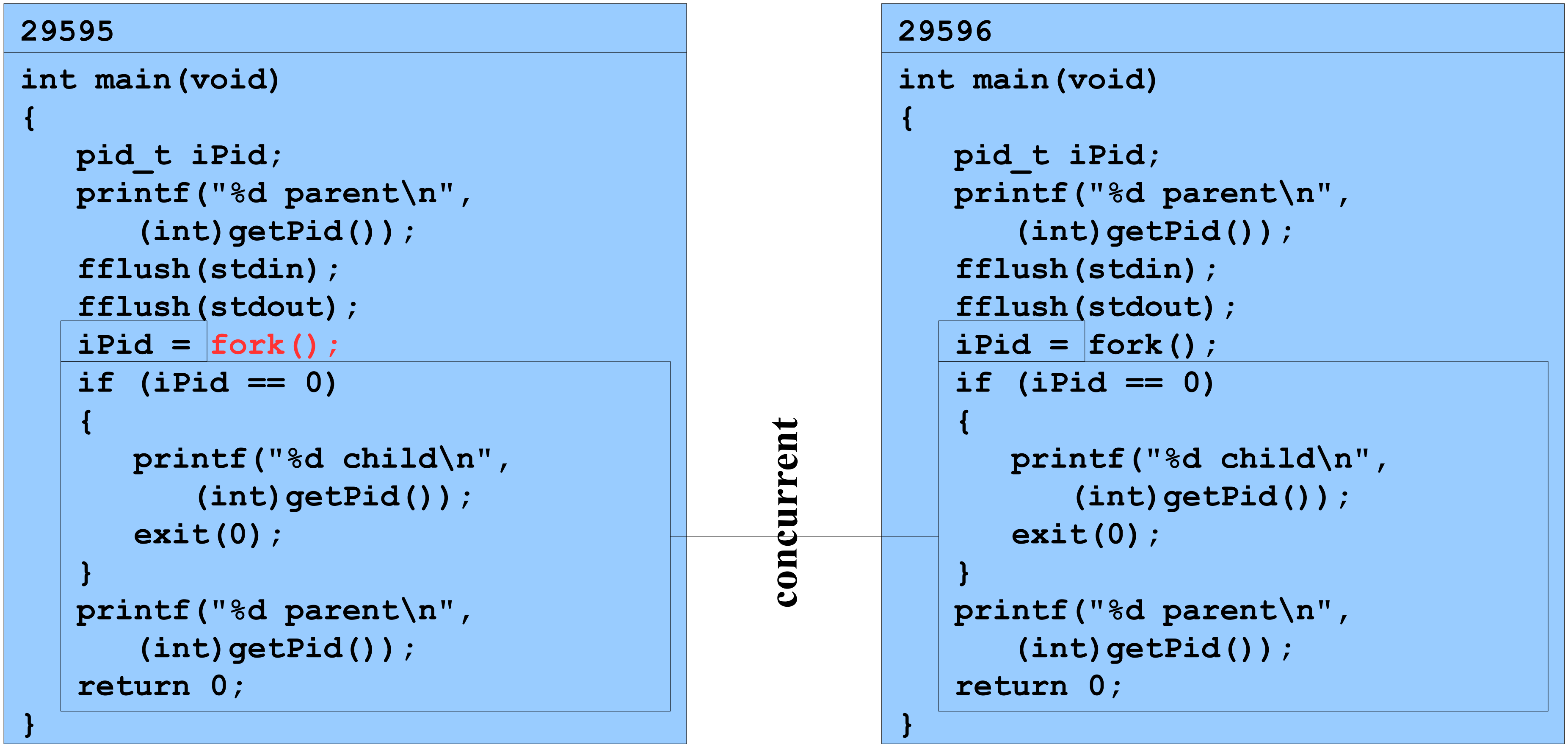

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concurrent

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29596
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Assume OS gives CPU to parent

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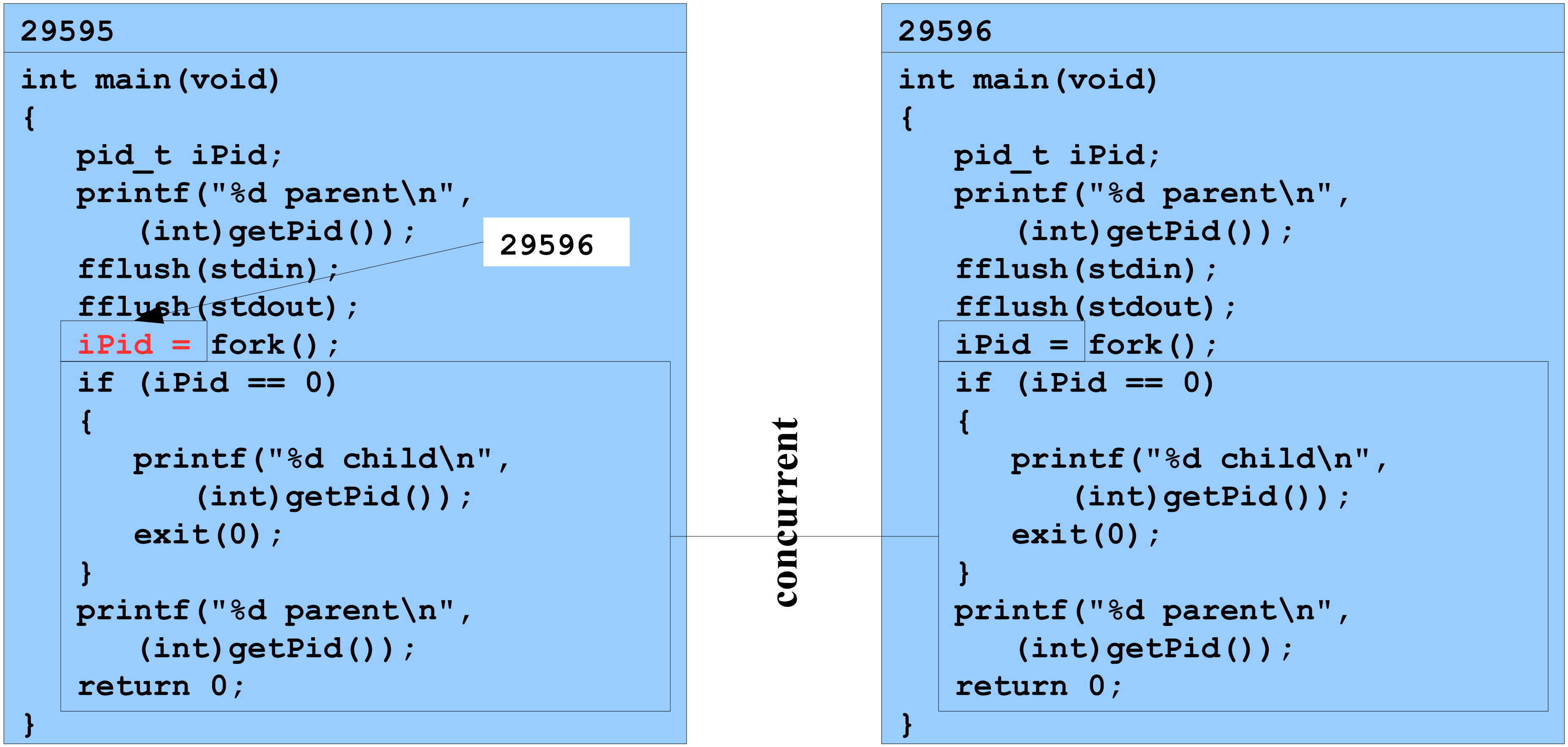

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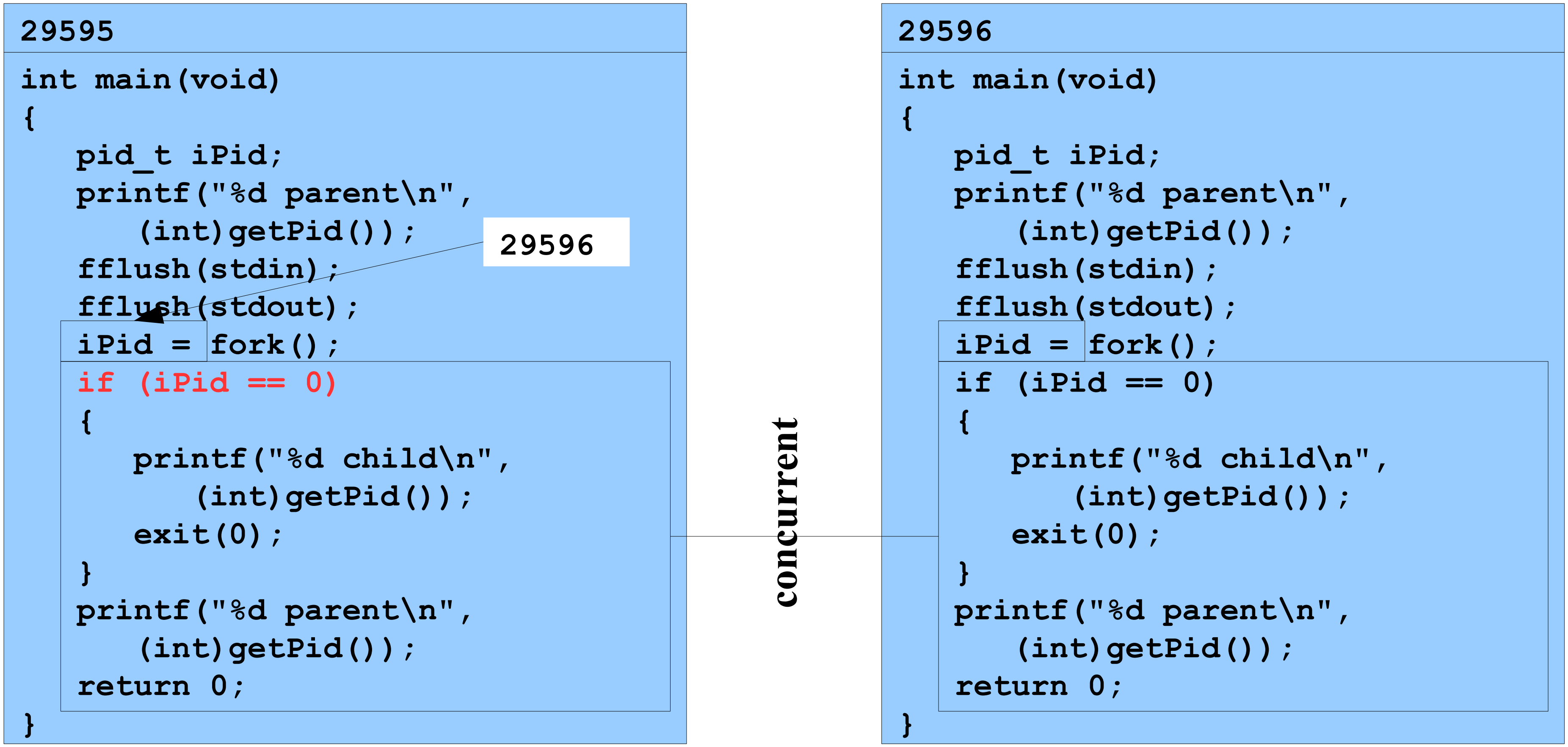

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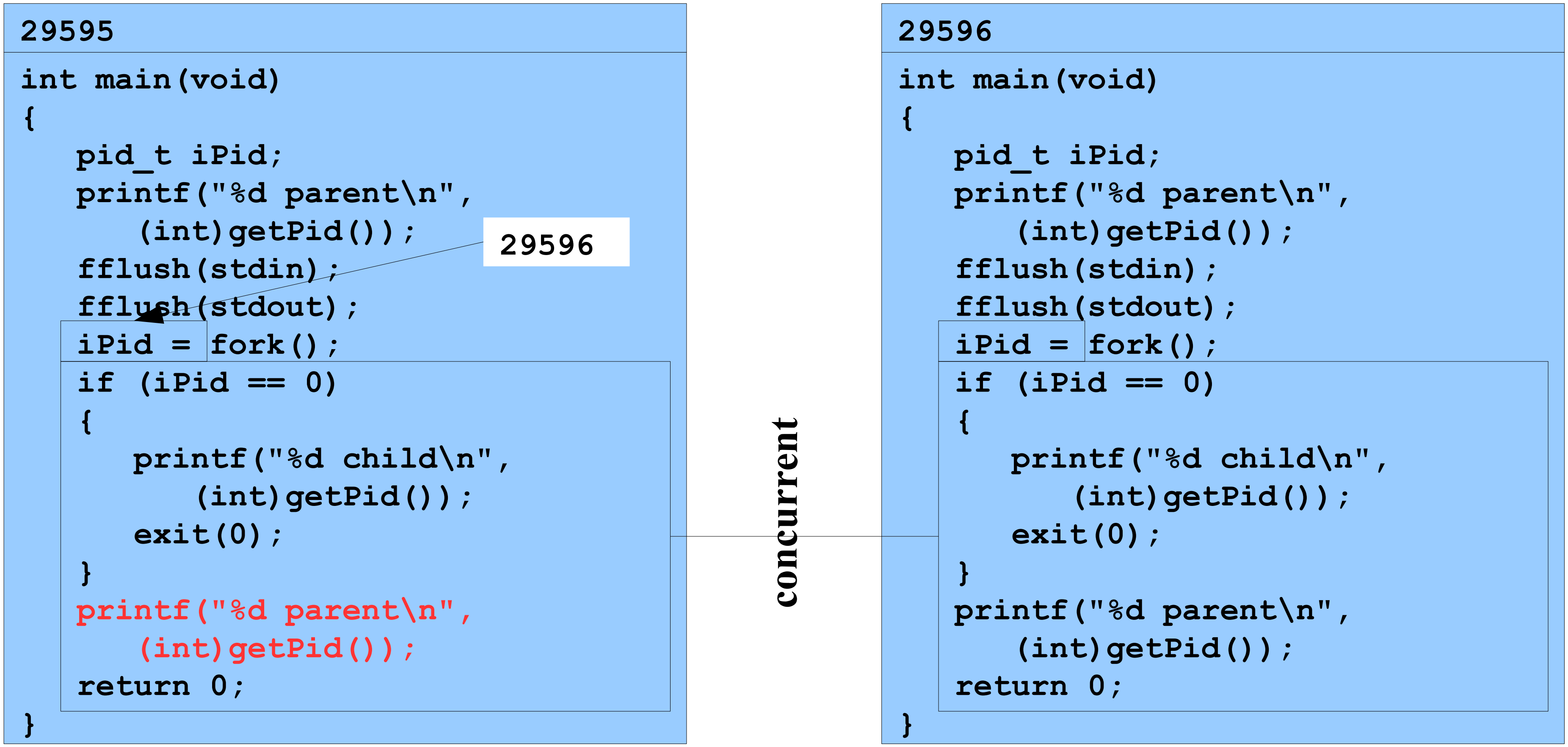

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29595 parent
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Assume OS gives CPU to parent

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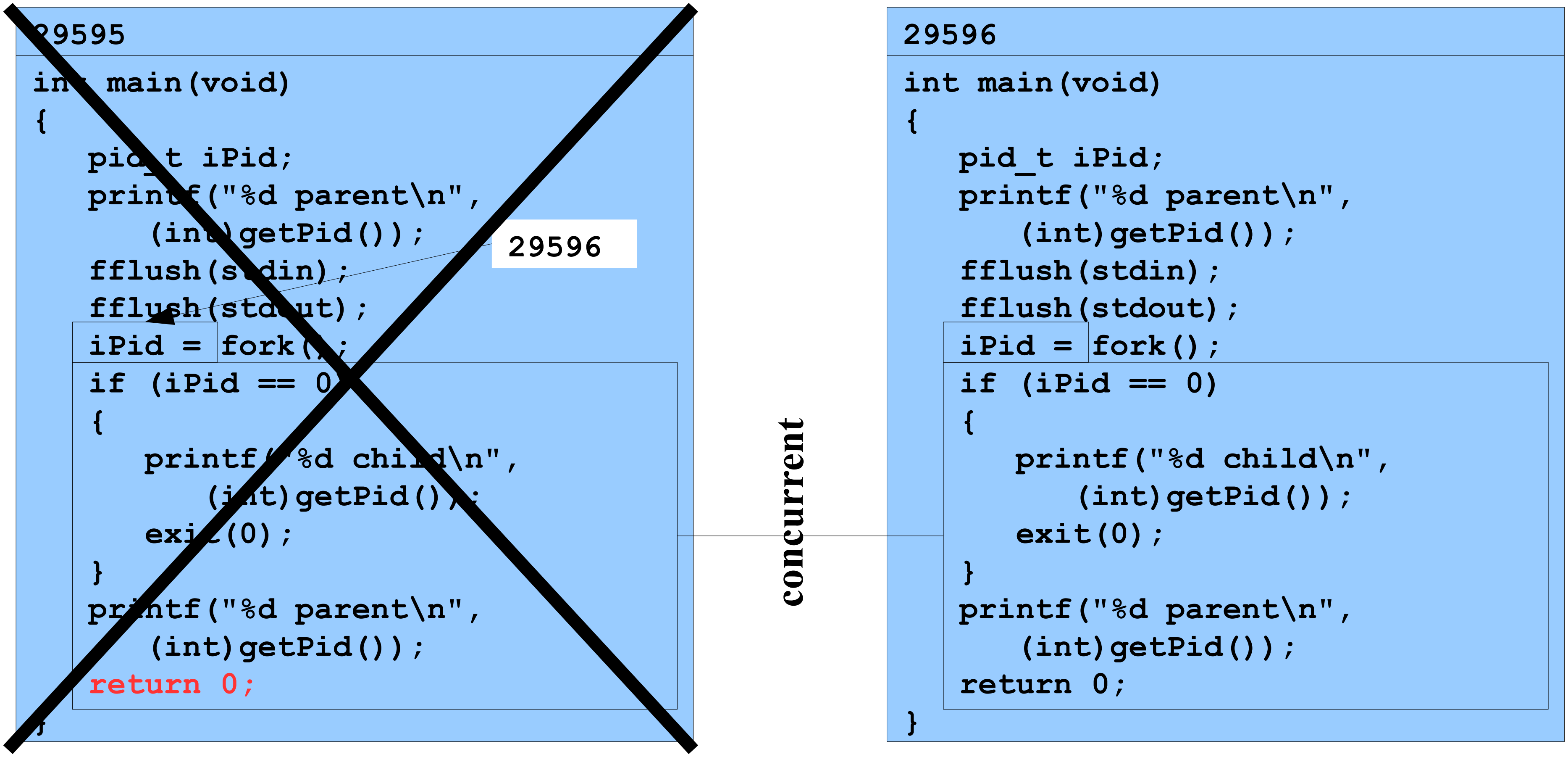

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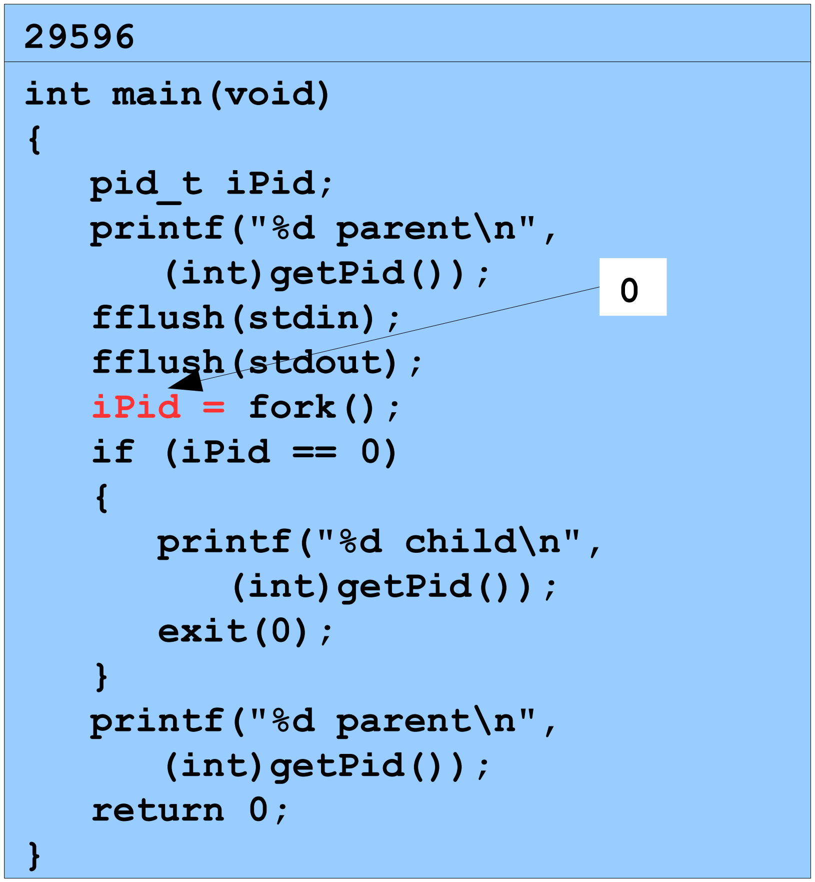

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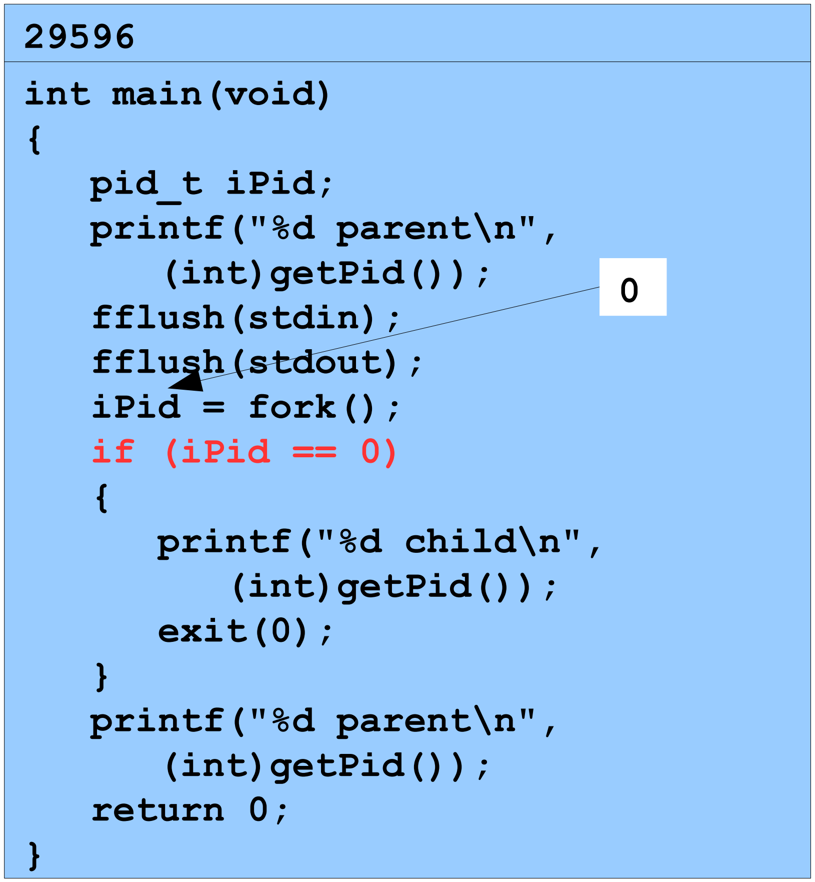

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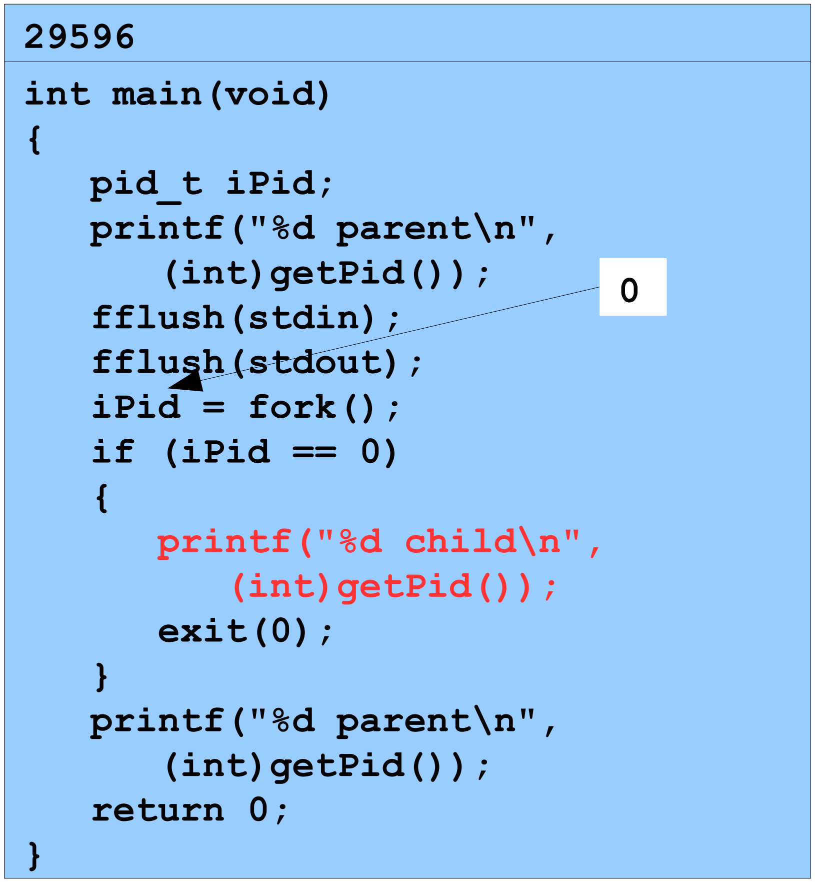

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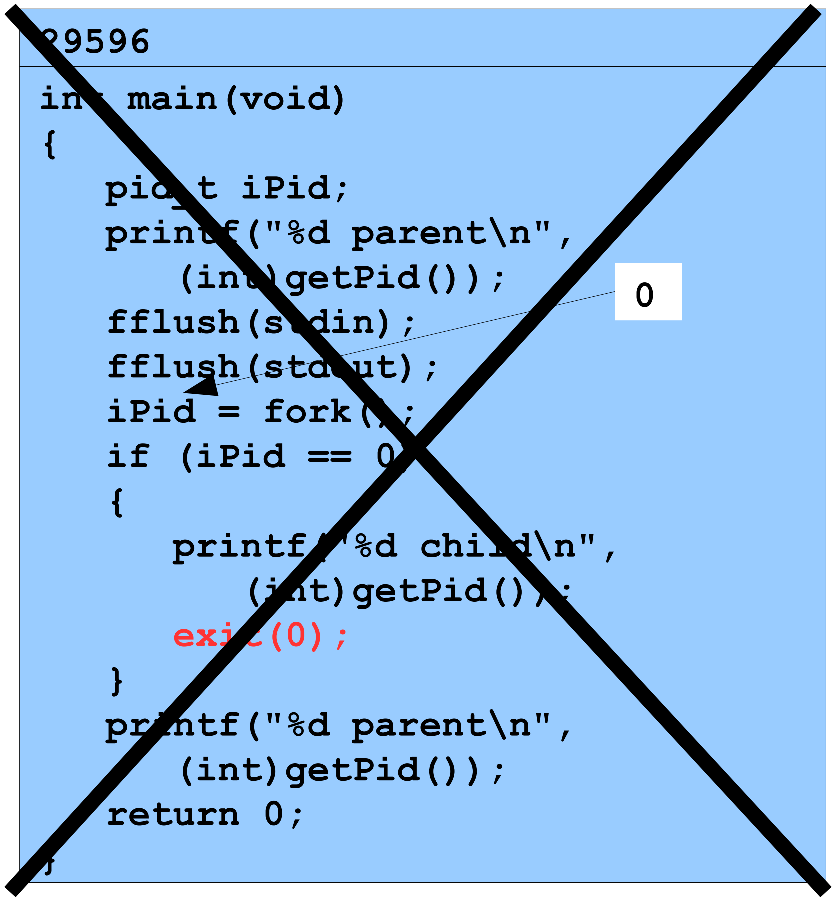

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