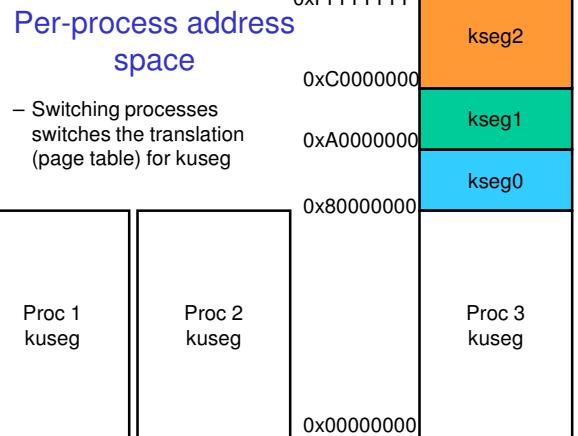
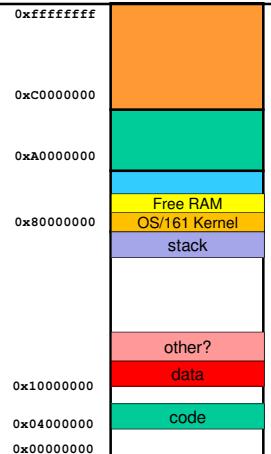


Assignment 2



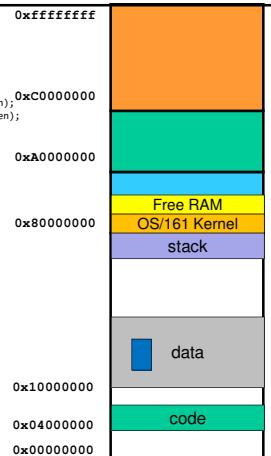
Process Layout



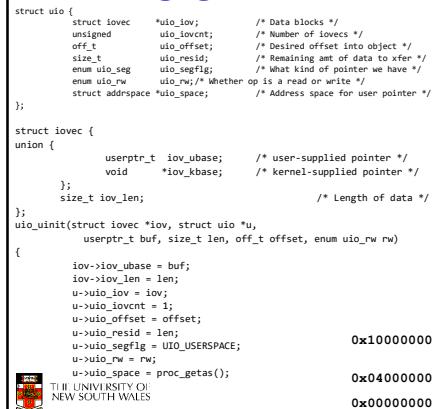
Pointers



Copyin/out/str



UIO



System Call Implementation

open()	vfs_ope()
close()	vfs_close()
read()	VOP_READ()
write()	VOP_WRITE()
lseek()	VOP_ISSEEKABLE()
	VOP_STAT()
dup2()	

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Lseek Offset

```
off_t lseek(int filehandle, off_t pos, int whence);

uint64_t offset;
int whence;
off_t retval64;

join32to64(tf->tf_a2, tf->tf_a3, &offset);
copyin((userptr_t)tf->tf_sp + 16, &whence, sizeof(int));
split64to32(retval64, &tf->tf_v0, &tf->tf_v1);
```

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