

# Activation Record (2A)

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# Section

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Data Section

Heap

Stack

Global Var

Dynamically Allocated

Statically Allocated

Code Section

# Activation Record

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Created whenever a function is called  
Stored in a stack (Stack Frame)

Local Vars  
Return Address  
Parameter Values  
Return Value

# Activation Record

```
int g;
```

```
int func ( int x )  
{  
    int l = 2;  
    l = l + x;  
    return ( l );  
}
```

```
void main (void)  
{  
    int l; char *s;  
  
    s = malloc( 10 );  
    l = func ( 20 ) ;  
    free ( s );  
}
```

## References

- [1] <http://en.wikipedia.org/>
- [2]