Royal Ransom Set Design

Linked List Data

Data Type         Code Notes         Size         Final Offset         Level         Nodes from start         Node Type         Spawn amount?         Destroy Amount?         Node Type           Gem Counter         level ends at 0         16bit         0x8d4         0x01         1         0         Display info         ~100         Object         Object         Object         Scarab Counter         total destroyed in rounds, 0 to 300         16bit         0x234         0x02         2         100         Hidden Counter         ~100         Piden Counter         Piden Counter         ~100         Piden Counter         ~300         Piden Counter<	"+d8" "+ec"  0x111328  0x129b38  0x192098  0x19ded0  0x1a1118  0x1b2868
Gem Counter         level ends at 0         16bit         0x8d4         0x01         1         0         Display info         0         Display info           Map Pointer         Discrete check points, laps -> {0x0, 0x73, 0xe6, 0x153}         16bit         0x208         0x01         1         1         Discrete Map         0         Display info         Discrete Map         0         Display info         Discrete Map         0         Display info         Pidden Counter         ???         ???         ???         ???         ???         Pidden Counter         ???         Pidden Counter         Pidden	0x111328 0x129b38 0x192098 0x19ded0 0x1a1118 0x1b2868
Map Pointer         Discrete check points, laps -> {0x0, 0x73, 0xe6, 0x153}         16bit         0x208         0x01         1         1         Discrete Map         0         Discrete Map         Discrete Map	0x129b38 0x192098 0x19ded0 0x1a1118 0x1b2868
Health	0x192098 0x19ded0 0x1a1118 0x1b2868
Scarab Counter         total destroyed in all rounds, 0 to 300         16bit         0x234         0x02         2         100         Hidden Counter         ???           Scarab Counter         total destroyed in rounds 1+2, resets for round 3 {0 > 200 > 0 > 100}         16bit         0x234         0x02         2         101         Hidden Counter         ???           Scarab Counter         total destroyed in round 1, resets for rounds 2+3 {0 > 100 > 0 > 200}         16bit         0x234         0x02         2         102         Hidden Counter         Hidden Counter         Hidden Counter         Hidden Counter         Hidden Counter         Hidden Counter         Monkey         Hidden Counter         Monkey         Hidden Counter         Hidden Counter         Monkey         Hidden Counter         Monkey         Hidden Counter         Monkey         Monkey         Player Map Pointer xate at 0 ish, ends at 1         Float         0xcc8         0x05         5         0         Display info         0         Phase	0x19ded0 0x1a1118 0x1b2868
Scarab Counter         total destroyed in rounds 1+2, resets for round 3 {0 > 200 > 0 > 100}         16bit         0x234         0x02         2         101         Hidden Counter         ???           Scarab Counter         total destroyed in round 1, resets for rounds 2+3 {0 > 100 > 0 > 200}         16bit         0x234         0x02         2         102         Hidden Counter         Hidden Counter           Gem Counter         level ends at 0         16bit         0x8d4         0x03         3         0         Display info         ~300?         Monkey           Player Map Pointer         starts at 0 ish, ends at 1         Float         0xcc8         0x05         5         0         Display info         0         Phase           Enemy Map Pointer x2         starts at 0 ish, ends at 1         Float         ???         0x05         5         ???	0x1a1118 0x1b2868
Scarab Counter         total destroyed in round 1, resets for rounds 2+3 {0 > 100 > 0 > 200}         16bit         0x234         0x02         2         102         Hidden Counter           Gem Counter         level ends at 0         16bit         0x8d4         0x03         3         0         Display info         ~300?         Monkey           Player Map Pointer         starts at 0 ish, ends at 1         Float         0x0c8         0x05         5         0         Display info         0         Phase           Enemy Map Pointer x2         starts at 0 ish, ends at 1         Float         ???         0x05         5         ???         ???         ???         ???         ???           Health         1 is full, 0 is empty         Float         0x7b4         0x07         7         0         Display info         <60	0x1b2868
Gem Counter         level ends at 0         16bit         0x8d4         0x03         3         0         Display info         ~300?         Monkey           Player Map Pointer         starts at 0 ish, ends at 1         Float         0xcc8         0x05         5         0         Display info         0         Phase           Enemy Map Pointer x2         starts at 0 ish, ends at 1         Float         ???         0x05         5         ???	
Player Map Pointer         starts at 0 ish, ends at 1         Float         0xcc8         0x05         5         0         Display info         0         Phase           Enemy Map Pointer x2         starts at 0 ish, ends at 1         Float         ???         0x05         5         ???         ???         ???         ???           Health         1 is full, 0 is empty         Float         0x7b4         0x07         7         0         Display info         <60	•
Enemy Map Pointer x2         starts at 0 ish, ends at 1         Float         ???         0x05         5         ???         ???         ???         ???           Health         1 is full, 0 is empty         Float         0x7b4         0x07         7         0         Display info         <60	0x1ccdb8
Health         1 is full, 0 is empty         Float         0x7b4         0x07         7         0         Display info         <60         ???           Door         >0 when closed, <0 when open	0x1e87e8
Door         >0 when closed, <0 when open         Float         0xc         0x07         7         0         Object         0         Gem           Papaya in hand         0 if not held, 1 if held         16bit         0x2f8         0x09         9         0         Papaya         ~150         Coin	0x1edd40
Papaya in hand 0 if not held, 1 if held 16bit 0x2f8 0x09 9 0 Papaya ~150 Coin	0x1f7378
	0x209a78
Papaya not under tree 0 if moved from its spawn, 1 if it's where it spawns 16bit 0x74 0x09 9 0 Papaya ~150 Scarab	0x209a78
	0x20f770
Papaya Counter         level ends at 0         16bit         0x8d4         0x09         9         ~10         Display info         ~150         ???	0x21f2b0
Banana Counter         16bit         0x8d4         0x0a         10         21         Display info         ~30         Hidden Timer	0x24c990
Monkey Counter         level ends at 0         16bit         0x8d6         0x0a         10         21         Display info         ~30         Target / Ring	0x250200
Monkey in Hand         0 if not held, 1 if held         16bit         0xa54         0x0a         10         0-20         Monkey         ~30         Papaya/Boulder	0x276cf8
Monkey not Caught 0 if not in cage, 1 if in cage 16bit 0xa58 0x0a 10 0-20 Monkey ~30 Projectile	0x348b98
Health         1 is full, 0 is empty         Float         0x7b4         0x0b         11         4         Display info         <100         ???	0x34e888
Snowcone Counter 16bit 0x8d4 0x0b 11 4 Display info <100	ı
Boss Phase 0 before starting, odd # minions, even # vunerable, 7 boss fight over 16bit 0x3fc 0x0b 11 20 Phase ?	ı
Boss Minion Counter starts at 3 every odd phase, moves to even phase when hitting 0 16bit 0x400 0x0b 11 20 Phase ?	ı
??? Only used to help differentiate the above node ??? ??? 0x0b 11 21 Phase ?	ı
Seconds Timer level fails at 0, get more time every time you hit the help ball Float 0xcfc 0x0c 12 0 Display info 0	ı
Engine Fuel 1 is full, 0 is empty, level fail on empty Float 0x7b4 0x11 17 0 Display info 0	ı
Cheese Counter level ends at 0 16bit 0x8d4 0x11 17 0 Display info 0	ı
Floor Count 0 in yard, floors 1-3, 4 in angelica's tower (angelica exclusive) 16bit 0x7e8 0x1b 27 0-4 Display info 1 (Angelica)	ı
Carrot Counter value stays in place while gameplay goes from 3 > 2 16bit 0x8d4 0x1e 30 0 Display info <25	ı
Ring Counter value stays in place while gameplay goes from 3 > 2 16bit 0x1f4 0x20 32 0 Display info A lot?	i
Timer Counts up from 0 to 60, game ends at 60 Float 0x9b0 0x20 32 1 Hidden Timer A lot?	1
Bashes Counter value stays in place while gameplay goes from 3 > 2 16bit 0x8d4 0x24 36 0 Display info <50?	I

Going forward in the list will have an addaddress chain that goes: Pointer > +10 > (+14) # of node times > +0 > +Final Offset Going backward in the list will have an addaddress chain that goes: Pointer > +44 > +30 > (+10) # of node times > +0 > +Final Offset

The above going backward chain only works in some instances, other times it seems to access a whole other linked list? Very confusing, might need further research if other data that cannot be found is eventually needed (Looking at you Gamecube port)