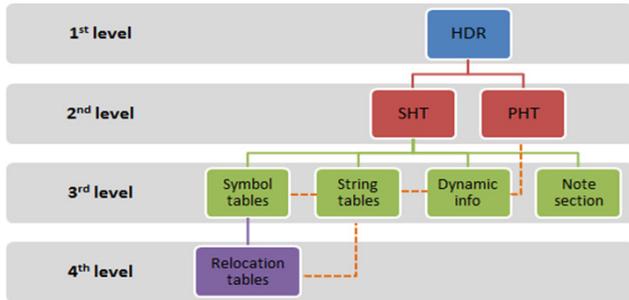


ELF metadata dependencies

- In normal circumstances, the following ELF metadata dependencies exist while parsing:



Level	Metadata	Dependencies	Fuzzable?
1	HDR	-	
2	PHT	e_phoff	N
		e_phnum	N
2	SHT	e_shoff	N
		e_shnum	N
		e_shstrndx	Y (33.33% chance)
3	STRS	e_shstrndx	N
		sh_type (SHT_STRTAB)	N
		sh_offset	N
		sh_name	Y (33.33% chance)
		sh_size	Y (50% chance)
3	NOTE	e_shstrndx	N
		p_type (PT_NOTE)	N
		p_offset	N
		p_vaddr	N
		p_filesz	N
		sh_type (SHT_NOTE)	N
		sh_offset	N
		sh_name	Y (33.33% chance)
		sh_size	Y (50% chance)
3	DYN	e_shstrndx	N
		p_type (PT_DYNAMIC)	N
		p_offset	N
		p_vaddr	N
		p_filesz	N
		sh_type (SHT_DYNAMIC)	N
		sh_offset	N
		sh_name	Y (33.33% chance)
		sh_size	Y (25% chance)
sh_entsize	Y (25% chance)		
sh_link	Y (50% chance)		
3	SYM	e_shstrndx	N
		sh_type (SHT_SYMTAB && SHT_DYNSYM)	N
		sh_offset	N
		sh_name	Y (33.33% chance)
		sh_size	Y (25% chance)
		sh_entsize	Y (25% chance)
sh_link	Y (50% chance)		
sh_info	Y (50% chance)		
4	REL	e_shstrndx	N
		sh_type (SHT_REL && SHT_RELA)	N
		sh_offset	N
		sh_type (SHT_SYMTAB && SHT_DYNSYM)	N
		sh_offset (SHT_SYMTAB && SHT_DYNSYM)	N
		sh_link	N
		sh_link (SHT_SYMTAB && SHT_DYNSYM)	Y (33.33% chance)
		sh_offset (SHT_STRTAB)	Y (33.33% chance)
		sh_name	Y (33.33% chance)
		sh_size	Y (25% chance)
		sh_entsize	Y (25% chance)
sh_info	Y (50% chance)		
SYM (st_info, st_shndx, st_name)	Y (50% chance)		