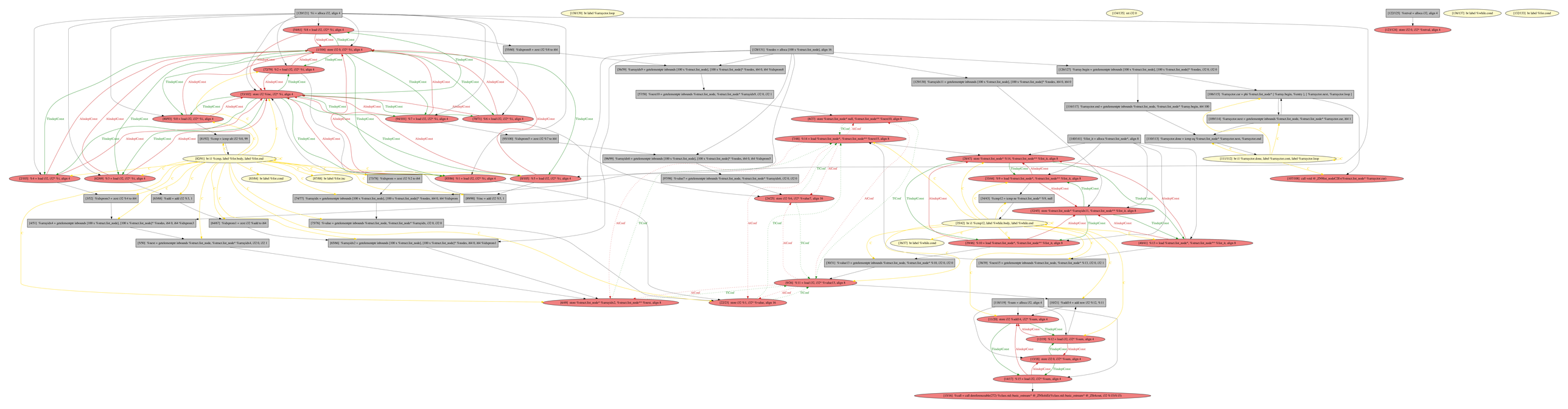
[13]0121] %i = alloca i32, align 4
[134139] br label %arrayctor.loop
[134135] ret i32 0
[122125] %retval = alloca i32, align 4
[13]137] br label %while.cond
[133133] br label %for.cond
[123128] store i32 0, i32* %retval, align 4
[54491] %8 = load i32, i32* %i, align 4
[35500] %idxprom8 = zext i32 %8 to i64
[128131] %nodes = alloca [100 x %struct.list_node], align 16
[35506] store i32 0, i32* %i, align 4
[32]79] %2 = load i32, i32* %i, align 4
[56759] %arrayidx9 = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i64 0, i64 %idxprom8
[129127] %array.begin = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i32 0, i32 0
[129130] %arrayidx11 = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i64 0, i64 0
[35358] %next10 = getelementptr inbounds %struct.list_node, %struct.list_node* %arrayidx9, i32 0, i32 1
[1]3102] store i32 %inc, i32* %i, align 4
[106015] %arrayctor.cur = phi %struct.list_node* [%array.begin, %entry], [%arrayctor.next, %arrayctor.loop]
[116017] %arrayctor.end = getelementptr inbounds %struct.list_node, %struct.list_node* %array.begin, i64 100
[109514] %arrayctor.next = getelementptr inbounds %struct.list_node, %struct.list_node* %arrayctor.cur, i64 1
[8]091] %10 = load i32, i32* %i, align 4
[98101] %7 = load i32, i32* %i, align 4
[78071] %6 = load i32, i32* %i, align 4
[95308] %idxprom5 = zext i32 %7 to i64
[94]77] store %struct.list_node* null, %struct.list_node** %next10, align 8
[14]8] %14 = load %struct.list_node*, %struct.list_node** %next15, align 8
[140141] %list_it = alloca %struct.list_node*, align 8
[110113] %arrayctor.done = icmp eq %struct.list_node* %arrayctor.next, %arrayctor.end
[8]92] %cmp = icmp slt i32 %10, 99
[8]295] br i1 %cmp, label %for.body, label %for.end
[96099] %arrayidx6 = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i64 0, i64 %idxprom5
[28]71] store %struct.list_node* %14, %struct.list_node** %list_it, align 8
[111]112] br i1 %arrayctor.done, label %arrayctor.cont, label %arrayctor.loop
[107]108] call void @_ZN8ostreamC2Ev(%struct.list_node* %arrayctor.cur)
[2]910] %4 = load i32, i32* %i, align 4
[9]589] %3 = load i32, i32* %i, align 4
[83]64] br label %for.cond
[8]588] br label %for.inc
[37]79] %idxprom = zext i32 %2 to i64
[9]586] %1 = load i32, i32* %i, align 4
[9]105] %5 = load i32, i32* %i, align 4
[59]96] %value7 = getelementptr inbounds %struct.list_node, %struct.list_node* %arrayidx6, i32 0, i32 0
[33]44] %9 = load %struct.list_node*, %struct.list_node** %list_it, align 8
[5]52] %idxprom3 = zext i32 %4 to i64
[6]368] %add = add i32 %3, 1
[36]77] %arrayidx = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i64 0, i64 %idxprom
[89]90] %inc = add i32 %5, 1
[24]25] store i32 %4, i32* %value7, align 16
[34]43] %cmp12 = icmp ne %struct.list_node* %9, null
[35]85] store %struct.list_node* %arrayidx11, %struct.list_node** %list_it, align 8
[4]51] %arrayidx4 = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i64 0, i64 %idxprom3
[6]487] %idxprom1 = zext i32 %add to i64
[75]76] %value = getelementptr inbounds %struct.list_node, %struct.list_node* %arrayidx, i32 0, i32 0
[35]42] br i1 %cmp12, label %while.body, label %while.end
[36]37] br label %while.cond
[29]46] %10 = load %struct.list_node*, %struct.list_node** %list_it, align 8
[46]911] %13 = load %struct.list_node*, %struct.list_node** %list_it, align 8
[5]50] %next = getelementptr inbounds %struct.list_node, %struct.list_node* %arrayidx4, i32 0, i32 1
[35]66] %arrayidx2 = getelementptr inbounds [100 x %struct.list_node], [100 x %struct.list_node]* %nodes, i64 0, i64 %idxprom1
[30]31] %value13 = getelementptr inbounds %struct.list_node, %struct.list_node* %10, i32 0, i32 0
[38]39] %next15 = getelementptr inbounds %struct.list_node, %struct.list_node* %13, i32 0, i32 1
[8]26] %11 = load i32, i32* %value13, align 8
[6]69] store %struct.list_node* %arrayidx2, %struct.list_node** %next, align 8
[25]23] store i32 %11, i32* %value, align 16
[118]119] %sum = alloca i32, align 4
[19]721] %add14 = add nsw i32 %12, %11
[11]20] store i32 %add14, i32* %sum, align 4
[12]19] %12 = load i32, i32* %sum, align 4
[11]18] store i32 0, i32* %sum, align 4
[14]17] %15 = load i32, i32* %sum, align 4
[15]16] %call = call dereferenceable(272) %class.std.basic_ostream* @_ZNSolsEi(%class.std.basic_ostream* @_ZSt4cout, i32 %15)[15]