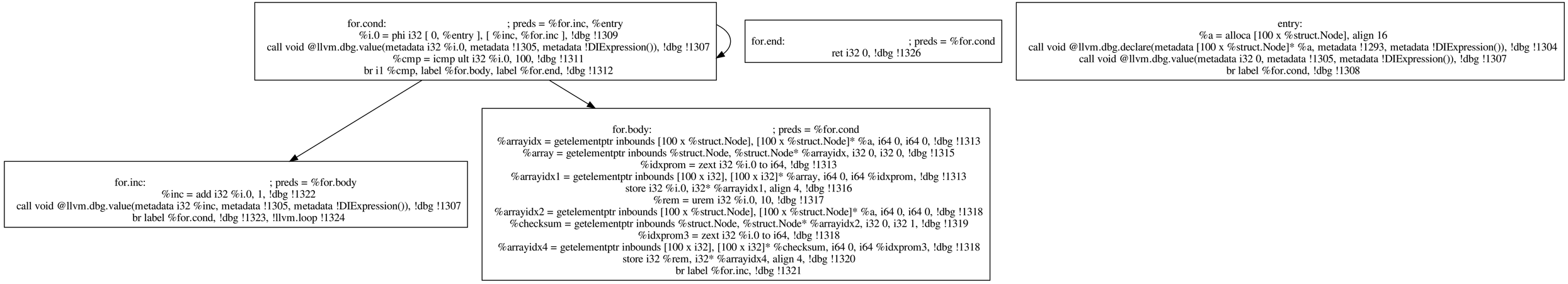
for.cond: ; preds = %for.inc, %entry
%i.0 = phi i32 [0, %entry], [%inc, %for.inc], !dbg !1309
call void @llvm.dbg.value(metadata i32 %i.0, metadata !1305, metadata !DIExpression()), !dbg !1307
%cmp = icmp ult i32 %i.0, 100, !dbg !1311
br i1 %cmp, label %for.body, label %for.end, !dbg !1312
for.end: ; preds = %for.cond
ret i32 0, !dbg !1326
entry:
%a = alloca [100 x %struct.Node], align 16
call void @llvm.dbg.declare(metadata [100 x %struct.Node]* %a, metadata !1293, metadata !DIExpression()), !dbg !1304
call void @llvm.dbg.value(metadata i32 0, metadata !1305, metadata !DIExpression()), !dbg !1307
br label %for.cond, !dbg !1308
for.inc: ; preds = %for.body
%inc = add i32 %i.0, 1, !dbg !1322
call void @llvm.dbg.value(metadata i32 %inc, metadata !1305, metadata !DIExpression()), !dbg !1307
br label %for.cond, !dbg !1323, !llvm.loop !1324
for.body: ; preds = %for.cond
%arrayidx = getelementptr inbounds [100 x %struct.Node], [100 x %struct.Node]* %a, i64 0, i64 0, !dbg !1313
%array = getelementptr inbounds %struct.Node, %struct.Node* %arrayidx, i32 0, i32 0, !dbg !1315
%idxprom = zext i32 %i.0 to i64, !dbg !1313
%arrayidx1 = getelementptr inbounds [100 x i32], [100 x i32]* %array, i64 0, i64 %idxprom, !dbg !1313
store i32 %i.0, i32* %arrayidx1, align 4, !dbg !1316
%rem = urem i32 %i.0, 10, !dbg !1317
%arrayidx2 = getelementptr inbounds [100 x %struct.Node], [100 x %struct.Node]* %a, i64 0, i64 0, !dbg !1318
%checksum = getelementptr inbounds %struct.Node, %struct.Node* %arrayidx2, i32 0, i32 1, !dbg !1319
%idxprom3 = zext i32 %i.0 to i64, !dbg !1318
%arrayidx4 = getelementptr inbounds [100 x i32], [100 x i32]* %checksum, i64 0, i64 %idxprom3, !dbg !1318
store i32 %rem, i32* %arrayidx4, align 4, !dbg !1320
br label %for.inc, !dbg !1321