Agenda

- TC39 Work Items
- TG1: ECMAScript
- TG2: C#
- TG3: Common Language Infrastructure (CLI)
- Schedules
- Questions and Answers
TC 39 Work Items

- **TG 1: ECMAScript**
  - Continuation of the current work toward ECMAScript edition 4

- **TG 2: C#**
  - Currently working on edition 1 of the C# programming language

- **TG 3: Common Language Infrastructure (CLI)**
  - Currently working on edition 1 of the CLI
TG1: ECMAScript

- Edition 4:
  - Types
  - Classes
  - Programming in the large

- Compact Profile
  - Designed for devices
  - Smaller footprint
TG2: C#

- C# (pronounced “C Sharp”) is the first component-based programming language in the C/C++ family
- Simple, modern, object oriented and type safe
- 1st class component concepts
C# Design Goals

- Unified Type System
- 1st Class Component Support
- Robust and Versionable
- Preserve Existing Investments

**Full featured, RAD language for C++ developers**
using System;

class Hello
{
    static void Main()
    {
        Console.WriteLine("Hello world");
    }
}
TG3: CLI

- Common Language Infrastructure (CLI) is a runtime designed to accommodate many devices, languages, and platforms.
- Consists of:
  - A file format
  - A common type system
  - An extensible metadata system
  - An intermediate language
  - Access to the underlying platform
  - A factored base class library
- Edition 1: Enough for C#, ECMAScript, and compact profile
Current TG Status

- Good progress in the first two meetings
- TG’s are working very well together
- Positive involvement from all members
- Approximately 15 people per TG
Schedules

- **TG1**
  - Edition 4 available for December 2001 GA

- **TG2**
  - Edition 1 available for December 2001 GA

- **TG3**
  - Edition 1 available for December 2001 GA