Tentative list of items we discussed at the 1st i18n EcmaScript meeting, 16th of November 2010 and additional comments after the meeting.

Participants:
Jungshik Shin (Google), Mihai Nita (Adobe), Peter Constable (Microsoft), Shawn Steele (Microsoft), Mark Davis (Google) and Nebojša Ćirić (Google).

We agreed on chair and editor. Chair is Nebojša Ćirić and editor is Peter Constable.

Scope of the proposal was refined:
- Timezones - mismatch between Olson and Windows TZIds - potentially out of scope for (v1.0) - Microsoft to review mappings, possible problems on other platforms too (POSIX?)
- date/time formatting/parsing
  - patterns/skeletons/enums - discuss
  - month and day names (get the actual name of month/name) - if we don't have skeleton/pattern then we need separate method to get them
  - support time
  - not in v1.0 - duration, intervals (like 37:45h or Oct-Nov 2010)
- number/currency formatting/parsing
  - patterns vs. fields - perhaps subset of CLDR patterns
  - input for formatting currency value is: number + currency code + locale
  - you can "guess" the currency from a region. And you can "guess" the region from a locale; but they are only "best guesses". See below.
- collation
  - Platform dependant results
  - Extensible set of parameters - need to discuss v1.0 set
  - Minimal set - ignore case/variants, ignore accents ~== strength
- message formatting
  - Plain string substitution - needs further specs
  - No plural/gender - not for v1.0 - needs deeper discussion
- message catalogs - discuss
- Region object - discuss what data is available
  - List of available regions (~250)
  - isRegionObsolete
  - get Currencies for Region (optionally between dates).
    - ...
- locale object
  - Based on Unicode locale - but discuss
  - We need to discuss subtle issue of en-US language vs US region - make API to make clear we are guessing the region if you pass en-US (no region info there, just language dialect).

- ○ getDisplayName: locale, language, script, region - *but without full coverage* - discuss
- Users Preferred Locales List - v1.0
  - ○ matching preferred locales to supported locales
  - ○ "most likely" region, script - discuss
- transforms - probably v1.0
  - ○ locale degpendent and independent case: toLower, toUpper, toTitle, toCasefold
  - ○ normalization: toNFC, toNFD, toNFKC, toNFKD
  - ○ (as defined by the Unicode Consortium)
  - ○ sample binary data file sizes for Unicode 6.0, from ICU:
    - ■ case mapping/folding and other case-related Unicode properties: 21.6kB (ucase.icu)
    - ■ NFC/NFD, combining classes etc.: 31.2kB (nfc.nrm)
    - ■ NFKC/NFKD: 48.1kB (nfkc.nrm)
- extra data (ltr/rtl, units...) - need to discuss
- Error/fallback reporting
  - ○ Ability to get actual parameters that were used for the operation back (say collation) - discuss
- Regex extension with Unicode properties (a la Perl) for v2.0?
  - ○ Strawaman proposal for regex extension
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