

MASOFAVIY TA'LIM VA WEB SAHIFA YARATISHDA WEB 2.0 DASTURIDAN FOYDALANISH

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Annotatsiya: Ushbu maqolada Web 2.0 dasturlaridan masofaviy ta'limni tashkil etishda va web sahifa yaratish foydalanishning o'рни va aha,iyati haqida yoritilgan.

Kalit so'zlar: web dasturlash, web sahifa, WEB 2.0, masofaviy ta'lim, internet, web sayt.

Hozirgi davraga Butun dunyo o'rgimchak to'ri rivojlangan sari web sahifaga bo'lgan talablarni rivojlanishiga sabab bo'ldi. Bu esa web dasturlash tizmini rivojlanishiga sabab bo'ldi. Web sahifa borgan sari mukammallashib bordi bu esa web serverlarni maksimal darajada ishlashiga sabab bo'ldi. Saytda foydalanuvchilar ko'payib saytni ishlash tezligiga keskin ta'sir ko'rsatdi. Bora bora web sahifa ishlash tezligi pasayib bordi. Foydalanuvchilar asta sekinlik bilan web saytlarga kirish pasayib ketdi. Buni oldini olish uchun Web dasturchilar izlanish olib borishdi va yangi avlot dasturi WEB 2.0 vujudga keldi. Bu esa foydalanuvchilarni web saytlarga yana asta sekinlik bilan jalb qila boshlandi.

Web 2.0 so'zi 2005 yil 30 sentyabrda "Tim O'Reilly" tomonidan rus jurnali "Kompyuterra"(№ 37 609 va 38 610) sonlarida bu xaqda ma'lumot berib o'tdi. Web 2.0 yangi avlod tarmog'i emas bu yangi web dizayn ham emas. Bu Web tarmoqni yangi texnologiyasi desak bo'laveradi. Bu texnologiyadan birinchi bo'lib Amazon.com saytida amalgam oshirildi.

Yevgeniy Marozov web 2.0 haqida quydagi ta'rifni beradi. "web 2.0 ixtirochilari tomonidan web sahifa krizisni oldini olish uchun yaratilgan yangi texnologiya, ixtirochilar buni oldini oldi va uni ommaga taqdim eta oldi" deb tariff beradi.

Web hizmat ko'rsatuvchilar o'z ichiga web (HTTP protokol) va fayllar almashish fayl farmati XML yoki JSON oz navbatida uchta asosiy arxitektura RPC, SOAP yoki REST ilovada ishlaydi.

Hozirgi kunda Web 2.0 HTML sahifalarni barchasida qo'llanilib kelmoqda. Bu Web sahifani tez ishlashiga sababchi bo'lgan AJAX texnologiyasi yani Web 2.0 qoidasi deb xam ataladi. Buni shunday tushunishimiz mumkun.

Web sahifada server bilan muloqot amalga oshirilib turadi bu esa joriy sahifa yangilanab turishiga sabab bo'ladi. Bu sahifani sekinlanishiga sabab bo'ladi. AJAX esa joriy sahifani bir bo'lagini yangilanishiga eski sahifani qayta qo'yishga imkon beradi bu sahifani tez ishlashimi taminlaydi. Hozirgi kunga kelib google kompaniyasi butexnologiyadan foydalandi va ommada tez tarqalishiga sabab bo'ldi.

Demak Web 2.0 google.com sahifasida qidirilayotgan ma'lumotni birinchi harfini yozishimiz bilan AJAX texnologiya ishga tushadi va sahifani o'sha bo'lagi yangilanib siz qidirayotgan so'zni yordam berib turadi. Bu esa foydalanuvchi qulaylik tug'diradi. Web 2.0 texnologiyasi haqida so'z borar ekan web sintezatrlarini ham xisobga olish lozim. Web sintezatrlar boshqa sahifalarda yoki saytlar, odatda ATOM yoki RSS dan foydalanish to'g'risidagi audio va video bir vaqtning o'zida bir nechta foydalanuvchilarga uzatish

imkonini beradi. Shunga xulosa qilib shuni aytish kerakki web 2.0 texnologiyasi hozirgi kunda keng qo'llanilib uning yangi imkoniyatlari yaratilmoqda va foydalanuvchilarga qulaylik tug'dirib kelmoqda.

Web 2.0 ko'plab interaktiv dasturiy ta'minot variantlarini taklif etadi, ularning aksariyati uy nomlari hisoblanadi. Quyida Web 2.0 ning ba'zi bir misollari keltirilgan:

- bepul veb-ga asoslangan elektron pochta
- Onlayn banking
- loyihalarni boshqarish vositalari
- so'zni qayta ishlash
- tarqatish
- Onlayn radio
- video hosting
- geomatik va xaritalash xizmatlari
- avtomashinalarga qarshi haydovchilikni kuzatish va GPS
- uy xavfsizlik nazorati
- dating va munosabatlar xizmatlari
- psixologiya va tibbiy konsultatsiya
- rahbarlik va ishlarni boshqarish
- sport jamoasi tashkil qilish
- foto galereyasi xizmatlari
- musiqa va fayl almashish
- kompyuter virusini skanerlash
- kompyuter apparatini sinovdan o'tkazish
- xususiy tergovchining va maxfiy qidirish xizmatlarining
- to'y rejalashtirish
- logotip va grafikali san'at xizmatlari

Ushbu xizmatlarning barchasi va yana ko'p narsalarni endi internet orqali internet orqali olish mumkin. Ushbu xizmatlardan ba'zilari bepul (reklama bilan ishlaydi), boshqalari esa oyiga 5 dollardan yiliga 5000 dollargacha bo'lgan obuna to'lovlarini sarflaydi.

Masofaviy ta'limda yani web sayt yaratish davomida Web 2.0 qoidalardan foydalanish saytni tez ishlashiga va internet trafikni oz sarf bo'lishiga sabab bo'ladi. Bu esa o'z navbatda foydalanuvchiga qulaylik va web sahifaga ko'proq tashrif buyurishiga sabab bo'ladi.

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